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1938 GARDEN GUIDE

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GIANT DAHLIA FLOWERED ZINNIAS — Pkt. 15c; ¼ oz. 35c.

Enormous double flowers produced by robust branching plants. Blooms have slightly hollowed centers ringed with small tubular florets. The petals are quite loosely placed and tend to curl at the edges, giving the blossoms a crisp, fresh appearance.

F. LAGOMARSINO & SONS
721 J. STREET - SACRAMENTO, CALIFORNIA





MARIGOLD GIGANTEA SUNSET GIANTS

(A New Bodger Marigold)

Sunset Giants are very showy, fragrant, and of exceptional size. The flowers are the largest ever known in the Marigold group, averaging 5 to 7½ inches. Instead of the usual Marigold odor these flowers have a definitely sweet fragrance. Sunset Giants is a mixture ranging from deep orange through golden orange, deep golden yellow, light yellow, lemon yellow, and a delightful new shade of primrose. **Pkt. 25c.**



MARIGOLD DWARF FRENCH DOUBLE HARMONY

An outstanding Marigold and one of the finest ever introduced. The flowers are very distinct, Scabiosa-like in formation with tubular deep orange center petals flanked by broad velvety dark maroon-brown guard petals. The plants are dwarf, compact, exceedingly free blooming and extremely early, coming into flower about June 1st. Excellent for use in the garden and for cutting. **Pkt. 20c; ¼ oz. 30c.**



SALPIGLOSSIS, EMPEROR

A desirable flower for bedding and prized for cutting. Large, trumpet-shaped flowers of rich velvety texture. All colors penciled, netted and veined with golden yellow, crimson and purple. **Pkt. 15c; ⅓ oz. 30c.**



TITHONIA SPECIOSA GRANDIFLORA FIREBALL

Dazzling as a ball of fire poised high above other flowers, Fireball is, undoubtedly, the last word in brilliance of color in a fall blooming plant. It is a very brilliant vibrant shade of scarlet orange with a clear yellow center. The flowers are single, very large, 4½ to 5 inches in diameter and are carried on fine long stems. The plants are very tall, neat in appearance, with a fairly heavy growth of grayish green woolly foliage. Flowers late and is excellent for cutting. **Pkt. 25c; ⅓ oz. 60c.**

Bulbs That Flower in Summer



Lily of the Valley

Lilies

Postpaid to Fourth Zone

LILIUM AURATUM (Gold Banded Lily)—The most beautiful variety of all the lily family; should be in every garden. Flowers white, dotted crimson, with clear golden band running through the center of each petal; very fragrant. 20c each; \$2.00 doz.; also 25c and \$2.50 per doz.

LILIUM RUBRUM MELPOMENE—Frosted white, spotted, clouded and bearded with pinkish crimson. Petals deeply incurved and widely bordered red. 25c each; \$2.50 per doz.

LILIUM TIGRINUM FLORO PLENA (Double Tiger Lily)—This magnificent lily is of stately habit; bearing immense clusters of very large, double flowers, nodding on tall, strong stems; color bright orange red, spotted with black. 25c each; \$2.50 per dozen.



LILIUM AURATUM PLATYPHYLLUM—Similar to Auratum but larger and finer in all respects. 35c each; \$2.50 per doz.

LILIUM REGALE (Regal Lily)—Large bulbs, 35c each; \$3.50 per doz. Also 25c ea.; \$2.50 doz. Also 15c each; \$1.50 doz.

LILIUM HENRII—4 to 8 feet tall, orange-yellow flowers spotted reddish brown, marked green near base. 15c each; \$1.50 per doz. 25c each; \$2.50 per doz.

LILIUM PARDALINUM—The native Tiger or Leopard Lily found growing in the mountains of California. The flowers are scarlet and yellow spotted with brown. 25c each; \$2.50 per doz.

LILIUM SPECIOSUM RUBRUM—The white or pink petals are thickly dotted with rose or crimson spots. This hardy, strong growing sort is sometimes called "Crimson Banded" and is considered by many the most satisfactory for garden cultivation. 20c each; \$2.00 per doz.

Lily of the Valley

A great favorite with everyone, and the most useful and charming of our spring flowering plants. The pure white, delicately scented bell-shaped blossoms are very useful for cutting and always in great demand. Select a partially shaded situation protected from the winds for best results. We offer nice, strong pips. Per doz. 75c; per 100, \$5.50, postpaid.

Caladiums

One of the most effective plants in cultivation for beds, borders and for planting upon the lawn, adding a tropical effect. Thrive in cool, moist locations, and for planting in and covering unsightly corners, are unexcelled.

FANCY LEAVED CALADIUMS—No other summer flowering plant equals the Fancy Caladiums in rich and gorgeous yet soft coloring. These new varieties are of marvelous beauty as potted plants and for bedding in semi-shaded positions. New and Rare Varieties, 50c each.

CALADIUM ESCULANTUM (Elephant's Ear)—Bears immense light green leaves, 3 to 4 feet long by 2½ feet wide. Plants often reach 6 to 10 feet in height. 30c each; \$3.00 per dozen.

Yellow Calla Lily

Calla Lilies are general favorite, both for their beauty and the ease with which they are brought to bloom.

ELLIOTTIANA—Flowers bright yellow with spotted dark green foliage. 25c each; \$2.50 per dozen. Also 35c each; \$3.50 per dozen.

Gloxinias

Charming for the house, window-boxes, or for bedding in sheltered locations. Lovely, upright, bell-shaped flowers, spotted and marked in most wonderful colorings, with neat, mottled foliage. Purple, Red, Violet, White, and Crimson Spotted. 25c each; \$2.50 per doz. For seed see page 73.

Montbretias

Very desirable flowers. Bloom early in summer. Flowers are borne on long, graceful spikes resembling somewhat a gladiolus. Color a beautiful golden bronze. A very good cut flower. Culture, plant several bulbs in a clump about 2 inches deep. 75c dozen; \$5.50 per hundred.

Tuberoses

One of the most delightfully fragrant and beautiful of the summer flowering bulbs. Very easily grown and excellent for cut flowers.

DOUBLE PEARL—10c each; 75c per dozen.

Tigrida . Tiger Flower

Beautiful summer-flowering bulb. Flowers are not lasting but are produced in succession over a long season. The flowers are large and showy, 4 to 5 inches across, oddly marked, with a cup-shaped or saucer-shaped center. Requires same treatment as gladiolus. 15c each; \$1.50 per doz.



Calendula, Orange Fantasy



Cornflower, Jubilee Gem



Marigold Golden West

CALENDULA, ORANGE FANTASY—Award of Merit, All-America Selections, 1938—Distinct. Rather dwarf, heavy foliated plants, 18 to 24 inches. Orange flowers with center cushion of seal brown. True. A fine novelty. Pkt. 25c.

CORNFLOWER, JUBILEE GEM—Award of Merit, All-America Selections, 1937. Jubilee Gem is a dwarf variety of Cornflower making a compact plant literally covered with flowers. The plant is about 12 inches in height. Easy to grow, it is "everyone's" flower and is adaptable for almost any purpose to which a plant may be put. As an edging plant, a border plant, or for ground work in formal beds of roses, etc., it will be found admirable; it is a fine cut flower and, above all, it may be sown outside in the autumn for spring flowering, or in the spring for summer flowering. Pkt. 20c.

SHAKESPEARE'S PANSIES—A simple, quaint little pansy suitable for any location in the garden and can be easily grown wherever pansies are successful. In no sense a "florist" pansy. Pkt. 25c.

MARIGOLD GOLDEN WEST—New Carnation-flowered Marigolds; earlier, larger, more dwarfed, and more floriferous than Guinea Gold. Flowers are fully double, bright, rich orange, $3\frac{1}{2}$ in. and more across, with petals loosely and gracefully placed. Plants grow about $2\frac{1}{2}$ feet tall, and as they branch very freely from near the base, the stems are quite long and the flowers are to be had along the sides as well as on top. Blooms in about 15 weeks from seed. Pkt. 25c.

PETUNIA, TOPAZ ROSE—Special Mention, All-America Selections, 1938. A Hybrid type Petunia of fiery, velvety rose of a brilliancy seldom seen. Slightly suffused with gold which gives it the fiery appearance and the throat is topaz. Runs true and has a strong Petunia scent. Holds color and does not burn in the hottest sun. Good grower, 15 to 18 inches tall and fairly upright. Pkt. 25c.

CHRYSANTHEMUM MARIGOLDS—A new strain of Marigold Hybrids identical in form of flower with the lovely incurved Chrysanthemum. Plants are very floriferous and the stems are good and strong for cutting. A great advance in African Marigolds and comes in orange, golden orange, and yellow. All colors true and 100 per cent double. Hybrid Mixture. Pkt. 20c.



Shakespeare's Pansies



Petunia, Topaz Rose



Chrysanthemum Marigolds



Aster, Crego Enchantress



Aster, Illusion



Calliopsis, Golden Crown

ASTER, CREGO ENCHANTRESS—A luscious shade of lively salmon rose. Distinct and new from all other colors yet developed in Asters. Flowers are large, of good substance, and are produced on free flowering, branching, wilt resistant plants. Blooms in early September. Pkt. 25c.

ASTER, ILLUSION—Another new color in a wilt resistant Aster. A soft, apricot pink. The plants are upright, about 2 feet tall and very free blooming. Fine for cutting. Flowers during mid-August. Pkt. 25c.

CALLIOPSIS, GOLDEN CROWN—Award of Merit, All-America Selections, 1938. An enlarged Drummondii. A rich orange-yellow or gold of pleasing fragrance. Makes a good cut flower with 12-inch wiry stems. Similar to Golden Crest. Pkt. 25c.

STOCK, SUPER GIANT IMPERIAL BLUSH PINK—A beautiful blush pink. Grows 3 feet tall, base branching, producing 12 to 15 huge flower spikes. Individual flowers measure 2 inches or more in diameter. A new addition to the Super Giant Imperial group. Pkt. 25c.

PETUNIA, SALMON SUPREME—Award of Merit, All-America Selections, 1938—Dwarf bedding variety of Petunia. A distinct and new light salmon color in this type. Flowers about 1½ inches across with white throat and plain petals. Plants grow about 12 inches high and wide, growing more late in the season and continuing to bloom. Pkt. 35c.

RUST RESISTANT SNAPDRAGON, SWING TIME—The loveliest rose pink imaginable, with a bright yellow touch and a white tube that is an addition to its beauty rather than a hindrance. Spikes are huge and evenly packed with immense blooms beautifully tapered. Pkt. 25c.



Stock, Blush Pink



Petunia, Salmon Supreme



Snapdragon, Swing Time

QUALITY VEGETABLES

from the Heart of the Gardenland of the World!

Artichoke

Seed should be sown during March or April, giving seedlings protection until danger of frost is past. When plants are large and strong they should be transplanted in rows 3 or 4 feet apart and 2 feet apart in the row. Such plants will produce a crop of buds the second year.

LARGE GREEN GLOBE—Most popular and garden type, having large edible buds or flower buds of deep green color and globe or ovoid-shaped. The fleshy bud scales are broad and full at base. The plants are of medium height with large medium green thistle-like foliage. Seed, pkt. 10c; oz. 50c; ¼ lb. \$1.50. Plants (postpaid 4th zone) 15c each; 75c ½ doz.; \$1.35 doz.

Jerusalem or Tuberose-Rooted

Produces potato-like tubers. The tubers, which are planted and cultivated the same as potatoes, are well known in European countries as a fine vegetable for the table. One of the best hog feeds, remarkable for their fattening properties and productiveness (over 1,000 bushes have been raised on one acre). Self rooting. An excellent feed for rabbits and other stock. Plant 10 bushes per acre. Tubers, lb. 15c; 10 lbs. \$1.25. (Postpaid 4th zone) lb. 20c; 10 lbs. \$1.50.

Asparagus



Asparagus, Mary Washington

To insure even germination soak seed in water 24 hours before planting. Sow at the rate of 15-20 seed per row foot and cover 2 inches deep. Irrigate frequently and keep weeds down. In the late fall cut off all top growth and leave the roots in the bed until the following spring, when they should be dug and transplanted to the permanent bed.

The permanent bed should be worked well to 16-18 inches deep and have a heavy dressing of stable manure applied. Set roots with crowns up, 6-8 inches deep and 2 feet apart in rows that are 4 feet apart. Cover roots with 3 or 4 inches of soil. As the roots make stronger growth more dirt, a little at a time, may be hilled up over the root crowns. Do not harvest spears the first year but allow full growth. In late fall

after top growth has dried, cut and burn. Repeat this same process the second season and by the third season, an abundant supply of delicious spears should be harvested.

White or Green Spears

MARY WASHINGTON—Considered the very finest strain as it produces large round tender dark green spears. It is quite early, rust-resistant and very vigorous. Seed, pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 50c; lb. 85c.

PALMETTO—An old standard variety, large, early, prolific. Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 50c; lb. 85c.

Asparagus Roots

MARY WASHINGTON and **PALMETTO**—Splendid strong vigorous 1-year roots. Postpaid within 4th zone, 40c per doz; 95c per 25; \$2.00 per 100.

Both white and green spears may be cut from the same root. When spears are allowed to grow out well above the soil surface they turn green, but when cut 4 or 6 inches below soil surface they will be found to be white.



Italian Green Sprouting (True Calabrese)

Brussel Sprouts

This plant belongs to the Cabbage family and is very hardy. It bears a mass of Cabbage-like leaves at the top and 3 or 4 dozen miniature Cabbage heads or sprouts 1-2 inches in diameter clustered around the main stem. These are broken off and cooked the same as Cabbage.

LONG ISLAND IMPROVED—Plants are of dwarf habit about 20 inches high, yielding a great number of sprouts of excellent quality. Does better than any other variety under all conditions. Pkt. 5c; oz. 25c; ¼ lb. 75c.

Finest Strains of Quality Beans

BEANS

Beans should be planted in a good warm, dry soil after all danger of frost is past. Rows should be 2-3 feet apart and plants should be thinned to 4 to 6 inches apart in rows. If planted in hills drop 6 or 7 seeds per hill with hills about 2 feet apart each way. As plants grow larger pull dirt up around stems to support plants. For succession of crop plant every two weeks until mid-summer.

Bush Green Pod Beans

Bush or dwarf vine-beans are the earliest and most hardy beans and are usually the first to be planted. They need no vine support other than hilling dirt up around the stems for reasonable support. They produce plentifully on good rich soil.

STRINGLESS BOUNTIFUL (New) — 49 days. This important early variety is desirable for the home, market gardener and for early shipping. Plants are erect, thrifty, large leaves, flat pods $\frac{1}{2}$ inch wide and $6\frac{1}{2}$ -7 inches long, stringless, slightly fibrous and of fine quality. Seed is straw-yellow in color, 65 per oz. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.90.

BURPEE'S STRINGLESS GREEN POD — 53 days. Very desirable for the home and market garden. The plants are large, erect, and very productive, having round pods 6 inches long, $\frac{7}{16}$ inch across, slightly curved, medium green, very meaty, perfectly stringless and fiberless, of excellent quality, and used extensively by gardeners and for cut beans by canners. Seed is coffee brown, 75 per oz. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.90.

LAGO PIONEER (Bachicha Beans)—Green pod, unexcelled for home garden and market or shipping.



Beans, Stringless Bountiful, 49 Days (New)

Medium fleshy pods, of medium dark green color; 6 inches long, about half inch wide. Seeds kidney shaped; color, red with light blotches. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.90.

Pole Green Pod Beans

BURGER'S GREEN POD STRINGLESS (White Seeded Kentucky Wonder)—64 days. The pods are firm, dark green, round, 6-7 inches long, $\frac{1}{2}$ inch across, tender, stringless and without fibers. Seeds are kidney-shaped, white and excellent for dry-shell use as well as snap beans, 90 per oz. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.90.

KENTUCKY WONDER or OLD HOMESTEAD — 65 days. The most popular of all pole varieties, vigorous and highly productive. Splendid for home, market garden, shipping and canning. Pods are practically round, medium light green, $7\frac{1}{2}$ - $8\frac{1}{2}$ inches long, $\frac{1}{2}$ inch in diameter, slightly curved with slight constrictions, meaty, slightly stringy, fiberless, very brittle and of excellent quality and are borne in clusters of 2 to 4. Seeds are brown or dun-colored and kidney-shaped, 80 per oz. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.90.



Beans, Kentucky Wonder

Pole Green Pod Beans (Continued)

LONDON HORTICULTURAL or SPECKLED CRANBERRY (Italian Pole)—70 days. Vigorous and heavy producer of pods, 6 inches long, $\frac{5}{8}$ inch across, green at first but maturing to yellowish green splashed with red. When green pods are slightly curved, constricted, stringless, little fibre, very fleshy and of good quality. Beans are large, ovate, flesh-colored splashed with dark red, 50 per oz. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.90.

MILANESE or MILAN—Pods are deep green, 5 to 6 inches long, $\frac{1}{2}$ to $\frac{3}{4}$ inches broad, thick and meaty with absolutely no strings up to time of full maturity and practically fiberless. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.50; 10 lbs. \$3.00.

SCARLET RUNNER—90 days. Largely grown as an ornamental, for its attractive flower clusters. Good snap bean. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 5 lbs. \$1.50.

YARD LONG or CHINESE—Pods are round, usually 18 to 24 inches long, but frequently 30 to 36 inches in length. Tender and of good quality, somewhat different in taste from other beans—an interesting novelty. Seed very small, kidney-shape, reddish brown. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Pole Wax Pod Beans

KENTUCKY WONDER WAX—76 days. Very similar to the green podded Kentucky Wonder, except the pods are a little broader and of handsome light yellow color, often 8 to 10 inches in length. They are very fleshy and stringless as snaps and of excellent quality. Seeds are medium sized, oval, flattened, very irregular, usually somewhat shriveled, and dark brown, 80 per oz. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 5 lbs. \$1.50.

Butter Beans

In the northern latitudes the term "butter beans" is often applied to beans producing wax pods, while in the south the term is usually applied to Limas.

L I M A B E A N S

Bush and Pole Varieties

Lima Beans are very susceptible to cold and seeds should not be planted until the ground has become thoroughly warm. They are gross feeders and the ground should be well fertilized for the best results. If possible select rich, light soil. Dwarf Limas are fully equal to pole Limas in quality and as a rule are earlier maturing. Plant dwarf varieties in drills two to three feet apart, dropping the beans three to four inches apart and covering $1\frac{1}{2}$ to 2 inches deep. If planted in hills, make the hills 2 to 3 feet apart one way and 2 to $2\frac{1}{2}$ feet the other way, planting 4 to 6 beans in a hill. When planting in firm soil it will be found advantageous to place the beans on edge with the eye down, as when planted in this manner, they germinate and come up more readily.

BURPEE'S IMPROVED BUSH LIMA—75 days. Plants are vigorous and productive. Pods very large, about 5 inches long, thick and usually containing four beans, which are unusually thick, of largest size and excellent quality. A little the earliest of the large seeded varieties. Extensively grown for home and market. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.90.

Bush Wax Pod Beans

Wax beans are a light yellow color and have a mild flavor. Grown in the same manner as the green podded varieties and will produce equally as well. Black-seeded varieties may be planted earlier, as they seem to be more hardy.

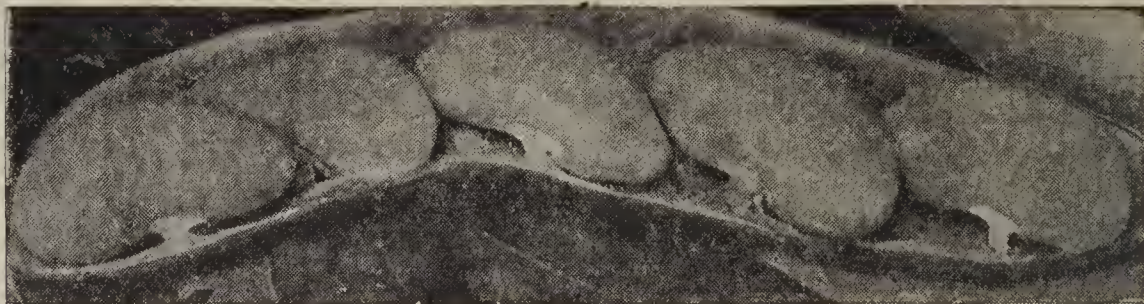
SURE-CROP BLACK WAX—Plants are very stocky, vigorous and highly productive. Pods are round, slightly curved, fleshy, golden yellow, tender, brittle and absolutely stringless without fibre, and of finest quality, 6-6 $\frac{1}{2}$ inches long, $\frac{7}{16}$ inch across. Seeds black and kidney-shaped, 88 per oz. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.90.

DAVIS WHITE KIDNEY WAX—56 days. Have fine keeping qualities. Pods are light yellow, 6-6 $\frac{1}{2}$ inches long and $\frac{1}{2}$ inch across, tender when young but somewhat fibrous and stringy. Seeds are white, kidney-shaped and excellent for baking. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.90.

IMPROVED GOLDEN WAX—49 days. Small sturdy plants are very productive. Pods are 4 $\frac{1}{2}$ -5 inches long, $\frac{1}{2}$ inch across. Thick, flat, straight, stringless, white with mottled eye, 65 per oz. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.90.

Fava Beans

IMPROVED GIANT LONG POD—73 days. A late variety used largely for green shell beans. Plants are very large, erect and strictly bush and very heavy producers. The pods are a glossy light green color, 8-10 inches long, 1 $\frac{3}{4}$ inches broad and flat with usually 6 seed per pod. The seed is large oval and flat, light green color turning to tan-like brown, 13 per oz. Pkt. 10c; lb. 35c; 10 lbs. \$3.00.



King of the Garden Lima Beans

KING OF THE GARDEN POLE LIMA—The most popular of all Lima beans, requiring poles or supports. The pods are very large, 5 to 6 inches long, broad, flat, filled with four or five very large white beans of finest quality. It will come into bearing earlier and make larger pods if not more than two vines are allowed to grow on each pole. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.90.

FORDHOOK BUSH LIMA—75 days. An excellent variety. The pods, which are produced in clusters, are about 4 $\frac{3}{4}$ inches long and each pod contains three to five large beans of fine quality. Seed, large, irregularly oval in shape and very thick. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.90.

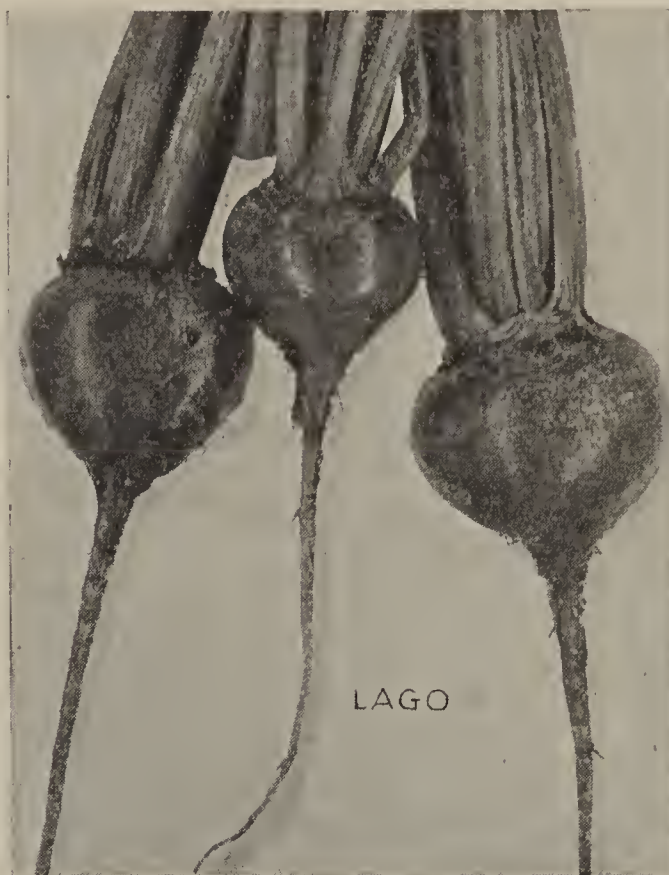
HENDERSON'S BUSH LIMA—Also known as Baby Lima. Early, hardy and productive. Pods are short, about 2 $\frac{3}{4}$ inches, flat, and contain 2 to 4 beans which are of excellent quality, either green-shelled or dry. Seed, small, flat and white with slight tinge of yellow. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.25.

Quality Beets

Beets can be sown almost the year around in California. February and March are the two best months for sowing for the main spring crop, and August and September are the two best months for sowing for the main fall and winter crop. For a successive or continuous crop seed can be sown from February to November. Drill in rows 12 inches apart, covering the seed about an inch deep and pressing the soil firmly over the seed. The soil should be light, fairly rich, and kept moist if one wishes tender roots of good color. Beets are at their best when gathered while quite young, when the bulbs average 2 inches in diameter, no more. To secure a uniformly well shaped product, seedlings should be thinned out to stand 3 to 4 inches apart in the row. Those that are pulled up will make good greens or may be transplanted to other rows. In field culture, however, thinning is not necessary.

CROSBY'S EGYPTIAN—50-55 days. This is an extra early variety for home and market garden. Tops are medium sized and roots are flattened globe-shaped with a small tap root, and dark red in color. The flesh is dark purplish red with comparatively indistinct zoning of a slightly lighter color; very tender and sweet. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; lb. \$1.00.

DETROIT DARK RED — PERFECTED STRAIN—A fine improved strain of excellent quality for all purposes. Tops are uniform, and longer than former strains, making a beautiful bunching beet for market garden and home purposes. Roots, true globe shape, small tap root and deep blood red color. Inside zones are very inconspicuous, making the interior color very uniform. Tender, and of highest quality until roots are fully grown. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.



Beet, Crosby's Egyptian

EARLY WONDER—50-55 days. Valuable to truckers, shippers and home gardens as a first early variety, very fine for fall planting. Tops are small and erect, having a small collar or crown. Roots are flattened globe in shape with very small tap root, dark purplish red in color with flesh of like color and zoned a lighter shade. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.



Broccoli, February

Cauliflower Type Broccoli

This type of Broccoli has plant characteristics similar to Cauliflower and produces fine large heads that are equal in size and quality to the best varieties of Cauliflower but requires a longer growing season. Seed sown in July produces mature heads the following spring from January through April, depending on the variety.

CALIFORNIA LATE PEARL—Matures in January. Plants short-stemmed, compact, with medium green leaves. With a well protected pure white head. Pkt. 10c; $\frac{1}{4}$ oz. 60c; oz. \$2.00; $\frac{1}{4}$ lb. \$6.50.

FEBRUARY—Matures in February. Large solid white heads on a compact plant, bluish green foliage. Pkt. 10c; $\frac{1}{4}$ oz. 60c; oz. \$2.00; $\frac{1}{4}$ lb. \$6.50.

ST. VALENTINE—Matures in March. This is a standard and shipping variety with splendid large solid pure white full protected heads. Pkt. 5c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

LAGO GIANT MARCH—Matures in late March and early April. It produces giant sized heads that are very solid and uniform. It holds the pure white color exceptionally well. Pkt. 5c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

Italian Green Sprouting Broccoli (Calabrese)

Distinctly different from Cauliflower type. Bears a succession of sprouts 5 to 6 in. long terminating in a small head of deep green buds. If kept cut these sprouts will be replaced by others for 8 to 10 weeks. They are indeed nourishing, tender, and delicious and best when cooked 15 to 20 minutes. Pkt. 5c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.20; lb. \$4.00.

Superior Strains of Cabbages

To raise Cabbage successfully is comparatively easy. Cabbage, like Cauliflower and Lettuce, is not a good summer crop in the Sacramento Valley as it will not head up in the extremely hot weather. Sow seed in open beds and when the plants are sufficiently large, which is usually six to eight weeks after seed is sown, transplant to the permanent fields in rows, 18 inches apart and the rows 30 inches apart. For fall and winter Cabbage sow seed in May, June and July. For spring Cabbage sow in August and September.

First Early Varieties

COPENHAGEN MARKET—66 days. The plants are very uniform, definitely early, small and compact, permitting close planting. Fine uniformly round firm heads with few outer leaves are borne on short sturdy stem, 6 to 7 inches in diameter and weighing 3½-4 lbs. Splendid for home, early market, and shipping and for kraut usage. Interior is white and of superior quality. Pkt. 5c; oz. 35c; ¼ lb. 95c; lb. \$2.25.

EARLY JERSEY WAKEFIELD—63 days. This extremely early variety is particularly valuable for home and market garden as well as for shipping. The plants are small and short stemmed and bear conical heads 7 inches long and about 5 inches broad at the base, weighing 2 to 2¼ lbs. Pkt. 5c; oz. 30c; ¼ lb. 75c; lb. \$2.50.

GOLDEN ACRE—62 days. This is the earliest round head or Copenhagen Cabbage type and is of exceptionally fine quality. Plants are small, compact, short stemmed with uniform round firm heads, 6-7 inches in diameter, weighing from 3 to 4 lbs. Pkt. 5c; oz. 40c; ¼ lb. \$1; lb. \$3.25.

Intermediate Varieties

LAGO EARLY FLAT DUTCH—For over 20 years we have continued to constantly select and improve in this strain and we highly recommend it, particularly so, for planting in the Sacramento Valley. It is uniform in heading, producing a popular sized, solid, heavy, medium flat head, weighing 6 to 7 lbs. Sow seed in May and June to mature in October, November and December. Sow seed first 2 weeks in July to mature in January and February. Sow seed first week in October and it will mature in May and June the following spring. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$6.00.



Cabbage, Lago Early York

LAGO EARLY YORK—This is a fine large pointed head type of excellent tender quality. Its best use is for the home garden as it is too tender to ship well. We have faithfully kept up our strain of this old favorite in order to supply our friends who enthusiastically demand this fine strain. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; 1 lb. \$6.00.

EARLY WINNINGSTADT—77-80 days. This is a very hardy short-stemmed, vigorous, and a dependable header. The heart-shaped heads are solid and fine and slightly smaller than those of Early York, being 8 to 10 inches long and 6 to 7 inches at base. The leaves form a distinct twist at point of head. Pkt. 5c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.



Cabbage, Lago Early Flat Dutch

Late Varieties

CANNON BALL or DANISH BALDHEAD — (Short-stemmed) One of the finest late Cabbage for home garden, shipping or for kraut. Plants are medium sized, short stemmed, with large flat globe-shaped heads, 8 to 9 inches across and 6 to 7 inches deep, very hard and solid. They keep excellently in storage. Pkt. 5c; oz. 30c; ¼ lb. 90c; 1 lb. \$2.50.

LAGO LATE FLAT DUTCH—A specially selected strain we have constantly improved over a number of years to supply the extensive demands for Sacramento Valley conditions. The heads are slightly larger than the earlier strain, very hardy and heavy. Seed should be planted the first part of July, then heads will be harvested in February and March of following season. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; 1 lb. \$6.00.

SAVOY GREEN GLOBE—Also known as "Curly Cabbage". Much prized by home gardeners and for market use. Leaves are a rich bright green, very crinkled or blistered-like. Heads are flattened globe-shaped, medium size and firm. The interior leaves crumpled, light yellow, sweet, crisp and tender. Pkt. 5c; oz. 50c; ¼ lb. \$1.50.

MAMMOTH ROCK RED — The largest and surest heading red cabbage. Heads round, very solid, and of very attractive deep red color. This variety is much used for cole slaw and pickling. Pkt. 5c; oz. 30c; ¼ lb. 90c; ½ lb. \$1.40; 1 lb. \$2.50.



Cabbage, Savoy or Curly

Chinese Cabbage

This is not a true cabbage and is sometimes called Celery Cabbage because of the shape of the heads. The leaves are more like those of turnip in color and texture and are splendid when used for greens. The creamy white heads consist mainly of the base of the leaves which have an extremely broad or expanded mid-rib and are decidedly tender, fine in flavor and equal in quality to Swiss Chard. Sow seed in late August or September and thin plants to 10 to 15 inches in the rows which should be 2 ft. apart.

PE TSAI—This is a popular early pure heading type with heads 15 to 18 inches tall. The outer leaves are dark green which enclose a cylindrical tapering head resembling Cos Lettuce, very compact, white tinted green, crisp and sweet. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

WONG BOK—This variety produces a short, thick, compact head, 9-11 inches tall, closely packed with delicious blanched leaves, and having outer leaves curving inward, being entirely self-folding. Heads weigh from 5 to 8 pounds and are good all the way through. Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

CHINESE CHICKEN CABBAGE—This strain we offer for those who wish to grow cabbage primarily for greens. While not of the perfect heading quality of the preceding, for this purpose it is very satisfactory. Pkt. 5c; oz. 10c; 2 oz. 15c; ¼ lb. 25c; lb. 75c.



Chinese Cabbage, Pe Tsai

“Best Sellers” in Cauliflower



Cauliflower, Danish Giant

The same cultural methods that produce good cabbage will do likewise for Cauliflower. Being a heavy feeder Cauliflower requires a little more fertile soil, and, too, the heads should be protected from the sunlight by gathering the tops of the leaves together loosely in order to produce the pure white curd-like head. Seed sown in June, July and August and transplanted to the field will mature heads in Oct., Nov. and Dec.

The seed of both Early Snowball and Danish Giant are grown for us by a European specialist and has always given the very finest results.

EARLY SNOWBALL—This is the earliest and one of the finest types for home forcing, early market and shipping. The plants are very dwarf with deep, smooth, snow white, compact heads 6 inches across and weighing 1½ to 2 lbs., surrounded by a few short upright leaves. Pkt. 10c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$7.50.

DANISH GIANT or DRYWEATHER—This variety comes in as Snowball finishes. It is one of the most dependable varieties and is well adapted to dry weather conditions. Plants are short stemmed, but a little larger than Snowball. Fine, large, firm, white heads of excellent quality 6-7 inches across, commonly weighing 1-2 lbs, are well protected by the large upright leaves. Pkt. 10c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$5.

VETCH'S AUTUMN GIANT—The finest of late Cauliflowers, producing large plants having dark green leaves with heavy white mid-ribs. Heads are large, solid, somewhat rough, white, and well protected by the foliage and of splendid quality. Pkt. 5c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.

Cardoon or Cardoni

Highly prized by the Italian people and increasing in popularity in the American home. The full grown plant somewhat resembles a mature Artichoke plant. The stalks may be boiled until tender, then fried in an egg batter or used in stews. Stalks require blanching and should be grown somewhat like Celery spaced 2 feet in rows which are 4 feet apart. Sow seed in March or April, transplanting to field when plants are strong enough.

LARGE SPANISH SPINELESS — This plant produces tall, fleshy leaf stalks and ribs, with gray-green smooth spineless foliage. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

Carrots--New and Old Favorites

Carrots require only average simple care and have no serious insect or disease pests. Sandy loam is the best soil type, however, almost any soil that is thoroughly and deeply worked will produce a good crop. Soil that has been richly fertilized the previous season is ideal as newly fertilized soil is apt to cause split roots. Plant seed in rows 16 to 18 inches apart and cover one-half to one inch, pressing the soil down firmly. February is a good month to sow for the spring crop, and August for the fall crop. However, an almost continuous crop may be harvested by sowing seed at 4-6 week intervals throughout the year.

CHANTENAY—70 days. A most excellent, medium early, half long variety. Roots are 5½ inches long, stump rooted and a deep orange-red in color. One of the most popular for bunching. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

CHANTENAY RED CORE—70 days. This is a distinct improvement over the regular Chantenay strain in that the color of both the flesh and core are a uniform deep reddish-orange, the yellowish coarse core having been eliminated. A heavy yielder and stands storage well. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

CALIFORNIA BUNCHING—Highly recommended for the home garden, market garden and for long distance shipment as a bunching Carrot. The tops are short, coarsely cut with medium sized strong stems. The roots are very smooth, almost cylindrical in shape, well stumped, 8 inches long and from 1 to 1½ inches in diameter at maturity. The splendid sweet flavor and excellent interior quality make this an outstanding variety. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

DANVERS HALF LONG—Extensively planted by market gardeners and fine for the home garden. The orange-scarlet roots measure 8 inches long and about 2½ inches wide at the shoulder, tapering to a half-point or stump-root at the bottom. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.



California Bunching Carrot

OXHEART or GUERANDE—Especially adapted to hard soils where it is difficult to grow the long rooted sorts. The mature roots are 4½ to 5 inches long and 3½ inches thick at the shoulder, tapering slightly to a very stump root. Fine for the table in the younger stages and widely used for stock feed owing to its high quality, productiveness and ease of harvesting. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

WHITE BELGIAN—Roots 8 to 10 inches in length, 3 to 4 inches in diameter at the top. Color, white with light green crown. One of the best field carrots because of its enormous productiveness and the ease with which it can be harvested. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 85c.



Carrots, Danvers Half Long

FRENCH FORCING—Earliest of the short horn types, almost globular in shape, 2 inches long and 2 inches deep, very stumped. The small tops are finely cut. Roots are a reddish-orange color throughout and are most excellent in flavor. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

LONG ORANGE IMPROVED—The roots this variety are very deep orange, long and comparatively thick, often 12 inches in length and 3 inches in diameter at the crown, tapering regularly to a point. When of the size suitable for the table the roots are tender and of good quality. Does best on light, deep rich soil. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.



Carrots, Chantenay, Red Core

Celery for Your Own Table

Celery seed takes 2-3 weeks to germinate. It will germinate well at comparatively low temperatures. Plants require abundant moisture, but will not stand flooding. The soil should be rich, fine and loose. Sow seed in beds covering only $\frac{1}{4}$ inch deep and prick out to 3 inches each way when seedlings have 3 or 4 leaves. When $2\frac{1}{2}$ -3 months old transplant to field trenches that are 5-6 inches deep and 2 feet apart, spacing the plants 8-12 inches. Blanching is done by hilling up with soil, tying up with burlap or special blanching paper or with boards. For fall and winter crop plant from February to April.

GOLDEN SELF BLANCHING (New Improved Tall)—Practically immune from "Black-Heart" because the heart is very compact and the tall erect stalks are close fitting. The stalks are thick, 9-11 inches long below the first leaf-knot, straight, quite broad, ivory white, crisp, and of a fine nut-like flavor. The foliage is yellowish-green turning to golden yellow with a slight earthing up. Pkt. 5c; $\frac{1}{2}$ oz. 50c; oz. 90c; $\frac{1}{4}$ lb. \$2.75; lb. \$10.00.

GOLDEN SELF BLANCHING—Dwarf. Long considered the standard shipping variety. Plants are stocky and dwarf with thick, broad, crisp, delicious nut-like flavored stalks which blanch to a creamy white. Pkt. 5c; $\frac{1}{2}$ oz. 50c; oz. 90c; $\frac{1}{4}$ lb. \$2.75; lb. \$10.00.

GOLDEN PLUME or WONDERFUL—This variety is about two weeks earlier and has slightly larger bunches, and blanches easier than Dwarf Golden Self Blanching. Pkt. 5c; $\frac{1}{2}$ oz. 60c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.25;

WHITE PLUME—Valuable extra early market variety. Leaves are bright green tinted white with solid crisp stalks, readily bleaching to a silvery white. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.



Celery, Utah

UTAH—An outstanding variety gaining wide popularity. Of particular merit for its broad, dark green stems, which are extremely thick, fleshy and of unexcelled crispness and eating quality. Utah Celery has stems of thicker flesh than any other variety. Possesses rich nutty flavor. Pkt. 5c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00.

Chervil

An easily grown and most useful vegetable. The aromatic leaves are crisped or curled. It constitutes the basis of the French mixture known as "Fines Herbes", the accompaniment to a great number of dishes and salads. The rows should be about one foot apart and cultivated like parsley.

FINE CURLED—This is a finely curled double variety, early maturing, vigorous grower, having a pleasing fragrance and flavor. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.



Celery, New Improved Tall Golden Self Branching

Celeriac . Celery-Root, or Turnip-Rooted Celery

In this kind of Celery the roots and not the leaf-stalks are the edible portion. Sow seed same as for Celery. When plants are sufficiently large transplant in rows 12 to 24 inches apart and 6 to 9 inches in the row. When roots are 2 inches in diameter they are ready for use. A fine vegetable and should be better known.

GIANT SMOOTH PRAGUE—An improved variety producing large roots of nearly globular shape, and comparatively smooth surfaced. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Chives

A small perennial plant growing about 10 inches high and cultivated for its fine onion-like leaves which are used for seasoning and flavoring. It can be cut frequently, a new growth appearing soon after each cutting. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

S w e e t C o r n

is most delicious when served right after picking

Plant from February 15 to August 1. However, if the soil is cold and wet it is best to wait until the soil is warm. Plant in hills 18 inches apart and the rows 3 feet apart, dropping 5 to 7 seeds to each hill and thin out to two of the healthiest plants when about 5 inches high. Remove all side shoots or "suckers" from the plant, leaving only the two top ones as these will produce the largest and best ears. Corn is at its best when picked and served immediately.

ALAMEDA SWEET—A standard medium early market variety developed by market gardeners in Alameda County. Ears have 10-14 rows, and 8 to 9 inches long, and protected by strong husks. The kernels are large, deep, ivory white, with tender skin and deliciously sweet. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50.

BLACK MEXICAN (also known as Squaw or Blue Corn)—An excellent variety for the home garden. Although when ripe the seed is dark bluish or black, when ready for table use it is white. It is of especially fine sweet flavor and very tender. Medium early. The ears have 10 rows of kernels. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50.

OREGON EVERGREEN—Earlier than Stowell's Evergreen. Kernels are white, sweet and fine. Ears rarely less than 8 inches long covered with a tight thick husk which makes it desirable for the market as it keeps its quality well. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50.

WHIPPLES EARLY YELLOW (New) — This new variety is double the size of Golden Bantam, only a few days later, and is of fine quality. The ear is 7 to 9 inches long and has 12 to 16 rows of large kernels. An important market gardeners' variety. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50.

COUNTRY GENTLEMAN—The popular Shoe Peg Corn. Ears average 7 inches long by 2 inches in diameter. Deep grains in irregular rows on cobs and deliciously sweet, tender and milky. Now the leading canning variety, both commercially and for the home. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50.

GOLDEN SUNSHINE—This variety matures 7 to 10 days earlier than Golden Bantam, thus furnishing a splendid golden yellow ear $6\frac{1}{2}$ inches long with 10 to 12 rows of fine quality to compete with the early white varieties. The plants are very vigorous and bear two fine ears per stalk. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50.

GOLDEN BANTAM EVERGREEN—An outstanding hybrid variety having the "evergreen" quality of remaining in table condition for a long time. Ears are rich golden cream in color with fine flavor. Average length of ear from 7 to 8 inches long, with rows of compact kernels. Vigorous and productive, producing stalks 6 to 7 feet tall. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50.

GOLDEN BANTAM—The most popular of all first early sweet corns and planted in nearly every garden. The ears are about 6 inches in length, with 8 rows of kernels on a cob; of the finest quality, very sweet and tender. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50.

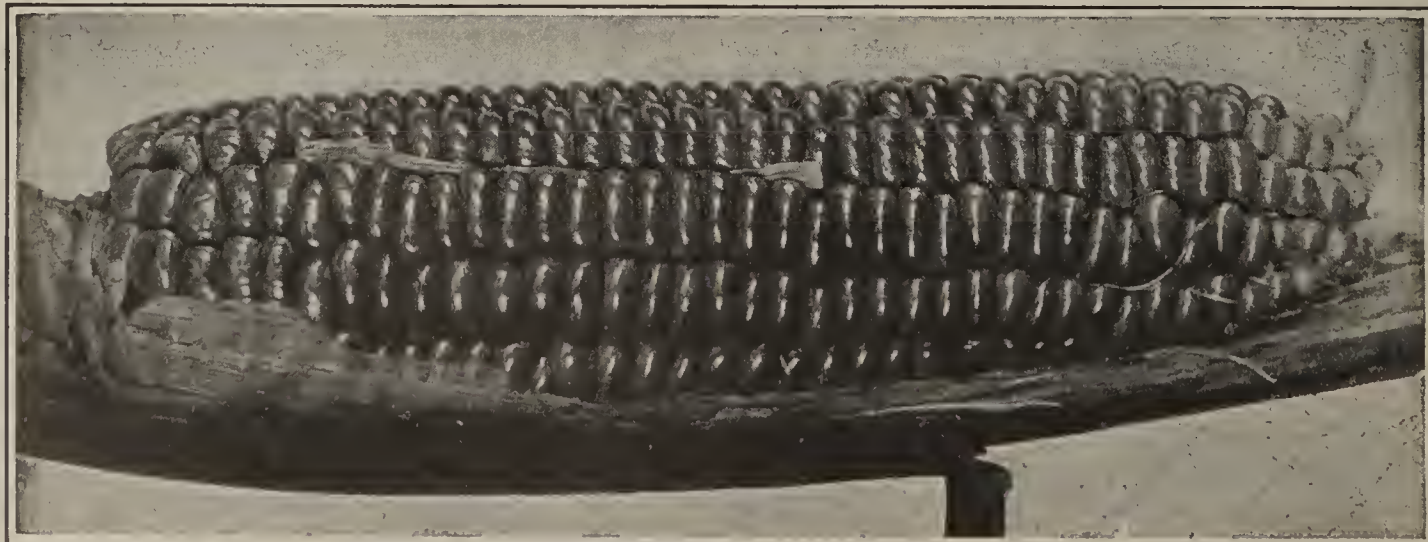


Corn, Whipples Early Yellow

GOLDEN COUNTRY GENTLEMAN — Here we have the Golden Bantam and Country Gentleman united, retaining all the sweetness and fine flavor of both, with the size and shape of Country Gentleman and color of Golden Bantam. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50.

Pop Corn

WHITE RICE—Ears short, kernels white, long, somewhat resembling rice. Easily grown. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 50c.



Corn, Golden Bantam

Chicory

an Old World Favorite!

Chicory is a very popular vegetable in Europe and in this country among the Italian people. The leaves are used as fresh or cooked greens, while in other varieties the roots are also used. Seed can be sown from February to October, sowing in August for the main winter crop, as this crop is a heavy feeder, free use of fertilizer insures a good crop.



Witloof or French Endive

WITLOOF or FRENCH ENDIVE

—This is a sub-variety of Large-Rooted Madgeburg and is remarkable for the width of leaves and great size of leaves and stalks. Roots forced or grown in trenches produce the well known salad vegetable called "Witloof" in Belgium and "Endive" in Paris. To produce roots for forcing, sow seed 1 inch deep in May, June or July in rows about 18 inches apart. In the fall lift roots and trim leaves to 1½ inches from the crown and main root to 9 inches, breaking off all side roots. Place roots upright 2 inches apart in a trench 18 inches deep. Fill the trench with fine rich loose soil that will not pack. New tops will grow 8 to 10 inches in from 4 to 6 weeks time. Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.50.



Chicory, Castelfranco

CASTELFRANCO or GIANT ROSE VARIEGATED

—The leaves are very broad and undulated, forming a loose head tinted in red, rose and yellow, some leaves being splashed or mottled, making them very attractive in appearance. The leaves are thick, fleshy, crisp, tender, and of exquisite flavor, being milder than other varieties. Pkt. 15c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.10; lb. \$3.00.



Large-Rooted Madgeburg or Coffee

LARGE-ROOTED MADGEBURG or COFFEE — The dried and prepared roots are much used as a coffee substitute. The young leaves are widely used in salads or along with the young roots are delicious when boiled. Roots are large, smooth and white, 12 inches long, 2 inches across at top, tapering, and weigh around 14 oz. It is preferable to sow seed early in the spring in moderately rich light soil in rows 2 to 2½ feet apart. Pkt. 5c; oz. 20c; ½ lb. 50c; 1 lb. \$1.50.

TREVIGIANA or ROSE COLORED—This is one of the most popular varieties in Italy for salad use because the slightly rose tinted leaves are large and fleshy, somewhat like Batavian Endive, and of a mild, tender, crisp and exquisite flavor. Pkt. 15c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.10; lb. \$3.00.

RADICHETTA or BARBE DI CAPUCIN—This variety is more widely used for summer greens than for salads. The leaves are long and narrow, and will blanch rapidly when plants are set close together. This variety is also forced and known to the French as "Barbe di Capucin". Pkt. 10c; oz. 25c; ¼ lb. 75c.

Corn Salad

(Fetticus or Lamb's Lettuce)



Corn Salad

A fine salad plant, both stems and leaves being used. Often used as substitute for Lettuce and Endive. Drill seed in rows 12 inches apart covering seed ¼ inch with fine rich soil and press down firmly. It is best grown for late fall, winter and early spring use. If sown in the spring the tender delicious leaves can be harvested in 6 or 8 weeks.

LARGE SEEDED—Vigorous grower, producing large healthy plants with round light green leaves. Pkt. 5c; oz. 20c; ¼ lb. 50c; ½ lb. 75c; lb. \$1.25.

Collards

GEORGIA, SOUTHERN or CREOLE — This is the white or green stemmed variety, growing 2 to 3 feet high. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 40c; lb. 65c.

Cress

Sow seed in spring as soon as ground can be worked, in rich well prepared soil, in shallow drills 12 to 16 inches apart, covering with about ½ inch of fine soil firmly pressed down. Does best during the cool months.

FINE CURLED or PEPPER GRASS—The leaves of this small salad are much frilled or curled, and are much used in garnishing. Pkt. 5c; oz. 15c; ¼ lb. 30c.

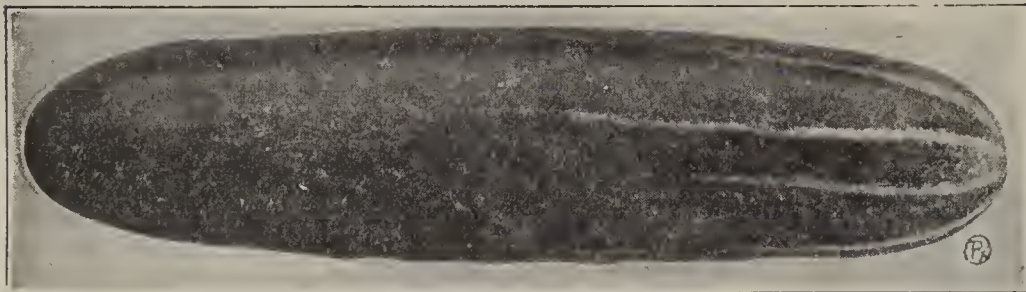
TRUE WATER—This is a distinct variety of Cress with small, oval leaves. It does best when its roots and stems are submerged in water, although a fair growth may be obtained in soil which is kept wet. Pkt. 5c; oz. 40c; ¼ lb. \$1.20.

Cucumbers for Salads and Pickling

Sow seed after danger of frost is over, usually around February or March, on light rich warm soils. For later crops plantings can be made up to the middle of August. Plant 6-8 seed in hills 3-5 feet apart, covering $\frac{1}{2}$ to 1 inch. When plants are 6 inches high, thin to the three healthiest plants. Cultivate well until runners interfere. Sufficiently ripe fruit can be picked in about 60 days. Pickling types can be picked sooner. Keep fruits picked close as the vines cease to set fruit as soon as any seed begins to mature.

LAGO NU-GREEN—A recent introduction, exceptionally fine long, straight, slender, dark green fruits 12 to 14 in. long and $2\frac{1}{4}$ to $2\frac{3}{4}$ in. thick, black spined, solid, small seed cavity with few seeds and deliciously crisp. An ideal type for the home garden or as a "straight pack" variety for shipment to market. One of the most attractive varieties with the long slender uniform fruit and the absence of the usual white stripes at the blossom makes this strain fully equal in appearance to any hothouse grown specimen cucumber. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

EARLY FORTUNE—Fruits average 9 inches long, uniform diameter of $2\frac{1}{2}$ inches, dark green color and white spines. The flesh is thick, crisp and tender with a very small seed cavity. Recommended as one of the best shipping varieties and is fast replacing other types. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.



Cucumber, Lago Nu-Green

LEMON CUCUMBER — A very productive variety with round or slightly oval fruits of light creamy yellow color. The fruits are ready for slicing when just starting to turn yellow. Of distinct flavor and preferred by many to any of the other sorts. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

LONG GREEN IMPROVED — Extensively used for home and market garden, this vigorous variety produces fruits 12-15 inches long when mature of a beautiful dark green color. Widely used for pickling and often for the sweet pickles. This variety furnishes some fruits early but matures the bulk of its crop rather late. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

KLONDIKE—This is an early variety and very desirable for shipping. Fruits are 7 to 8 inches long, of uniform size and shape. The color is very dark green, slightly striped at the ends. This rich dark green color is retained much longer and is affected less by the hot sun than any other variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

WEST INDIA GHERKIN—This is a distinct, very small, oval, prickly fruited sort used exclusively for pickling. The fruit is 2 inches long and 1 inch in diameter and borne in abundance. Seed very small and slow to germinate. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c.

CHINESE LONG—The fruits are rich dark green, often 20 inches long, averaging 2 to 3 inches in diameter in the center and tapering gently toward the ends. Flesh is thick, crisp, and of fine flavor. Vines are vigorous and bear continuously if fruits are picked when ready. This variety should be grown on a trellis as, when grown in this way nice straight fruits are produced. Not more than two vines should be left to each hill, and preferably one plant well fertilized, which will give the best results. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 75c.



Cucumber, Early Fortune

BOSTON PICKLING—This is a productive variety that is extensively grown for pickles. The fruits are bright green, black spines 6 to 7 inches long, $2\frac{1}{2}$ inches thick, very smooth and symmetrical. The flesh is very crisp and tender. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.



Cucumber, Boston Pickling

JAPANESE CLIMBING—Where space is a factor this variety will be found most desirable as it does best grown on trellis, fences, etc., and climbing by tendrils like a grapevine. Fruits dark green, about 8 inches long, thick, crisp, tender and equal to others in quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Dandelion

A healthy, nutritious and pleasant leafy green food that can be used early in the spring either for salad or boiled like Spinach. Sow in early spring in very warm rich soil in drills 18 inches apart and thin to 5 inches.

CULTIVATED or FRENCH COMMON—A decided improvement on the wild dandelion. Very early and vigorous in growth. Pkt. 5c; oz. 25c.

IMPROVED THICK LEAVED, or CABBAGING—Unsurpassed in thickness of leaf and deep green color. It is compact and forms an upright tuft at the center, which blanches almost naturally. This cabbaging sort is much superior to the common or uncultivated dandelion. Pkt. 5c; ½ oz. 25c; oz. 50c; ¼ lb. \$1.50.

Eggplant

This plant requires a warm even temperature. The seed is slow germinating, requiring 4 to 6 weeks to produce plants for field planting, so seed should be sown in a hot bed during December or January. Sow later for later crops. Transplant to open field when 2 inches tall if weather and soil conditions permit, setting plants 18 inches apart in rows 30 inches apart.



Eggplant, New York Improved

NEW YORK IMPROVED—A very excellent standard variety growing strong bushes which are larger than the Black Beauty and better in that respect for keeping the "egg" off the ground. The large purplish black fruits are heavy at the blossom end, narrow toward the stem end, and are smooth and of fine quality. Pkt. 5c; ½ oz. 25c; oz. 50c; ¼ lb. \$2.00; lb. \$6.00.

EARLY LONG PURPLE—An early variety with club-shaped dark purple fruits six to eight inches long. very productive and of fine quality. Pkt. 5c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.10; lb. \$4.00.

Fennel or Finocchio

The edible portion is the enlarged leafstalk which is blanched and used as salad, either alone or with other salad plants. When boiled it has a sweet, spicy, and very distinct aromatic flavor. The cultural methods best for this plant approximate that for Celery.

FLORENCE (Sweet Anise)—This is an excellent hardy annual, very crisp, of medium size with sweet and aromatic flavor. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. 90c.

LARGE SICILIAN—Large and white; of vigorous growth. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. 90c.

Garlic

Garlic is propagated largely by the cloves (smaller segments of the bulbs) as planting from seed is not practical. Plant cloves in November and December in rows 12 inches apart, dropping cloves 3-4 inches apart, covering them 2 inches. The culture is the same as for Onions and are ready for harvest when tops are dry. Garlic is widely used for flavoring in soups, stews, etc. **Bulbs, 30c per lb., postpaid.**



Endive, Green Curled

Endive

For early planting sow seed in April. For general plantings sow in June and July in drills 14 to 16 inches apart, later thinning to 12 inches apart in the row. When nearly full grown the plants should be bleached by tying the leaves together in order to exclude the light and air from the inner leaves. Tying should be done when heads are quite dry as they are apt to rot. Heads will be ready to use in 2-3 weeks after tying serving as one of the most wholesome and delicious salad vegetables for fall and winter use.

BROAD-LEAVED BATAVIAN (Escarolle) — Has broad fleshy leaves, toothed at the edge, and slightly twisted, which form a large heart. It is easily blanched if tied up at the proper time; it then produces wonderfully tender crisp, creamy white inner leaves, making one of the most delicious salads. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.25.

LARGE GREEN CURLED—Hardy variety forming a rosette measuring from 16 to 18 inches across, with very curly bright deep green leaves and rosy colored mid-ribs. Particularly suitable for the fall and winter crops. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.25.



Fennel

Kale or Borecole



Kale, Tall Green Curled Scotch

Excellent greens for winter and spring use as the quality is improved by exposure to frost. Sow seed of the Tall and Dwarf Curled Scotch Kales in June and July, then they can be harvested from fall until spring at which time they are at their best. Seed of Jersey and Thousand Headed Kale may be sown from May to September but May plantings afford a much longer bearing season. These two varieties should be planted 3 or 4 feet distant each way as the plants grow to considerable proportions.

TALL GREEN CURLED SCOTCH—The variety most commonly used. The plant grows 3 or 4 feet high, bearing long, plume-like light green leaves which are deeply cut, also finely curled at edges. Very hardy and of excellent quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

DWARF CURLED SCOTCH KALE—Improved type growing 15 to 18 inches high with finely curled frilled leaves of a rich blue-green color. Very hardy and of excellent quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

JERSEY or TREE—Plant grows 3 to 4 feet high and frequently 6 to 8 feet. Produces a great number of large green smooth leaves, often $2\frac{1}{2}$ feet long, on a straight, stiff, strong, comparatively slender stem. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

THOUSAND HEADED—Often called Jersey but different from the Jersey in that the stem of this variety is unusually divided into a number of branches bearing large leaves. Crops are known to have gone as high as 60 tons of green feed per acre. An excellent food for poultry and highly recommended. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Kohl-Rabi

This delicious turnip-shaped bulb combines turnip and cabbage flavor, and is borne above ground, being ready for harvest 10-12 weeks after sowing. Sow seed in rows 18 inches apart, and when plants are well established thin to 6 inches apart in the row. Sow in February and March for main spring crops and in August and September for fall and winter crops.

EARLY WHITE VIENNA—Very early with few and small leaves seldom over 8 inches long. Bulbs of medium size, white, tender and very delicious. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.



Kohl-Rabi, Early White Vienna



Leek, American Flag

Leek

Belonging to the Onion family, this widely cultivated species is used as a favorite substitute for green onions in the fall and winter. Sow seed in March and April, covering $\frac{1}{2}$ inch deep. Transplant seedlings when the size of a pencil to rows which are 14 to 16 inches apart, placing them 6 inches distance, and as they grow earth them up like Celery if nice white, tender leek is wanted.

AMERICAN FLAG—Fine early productive variety. The stems are 2 inches in diameter and easily blanched as high as 10 inches from the root. Fine mild flavor. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

MONSTROUS CARENTAN—Stem 6 to 8 inches long and often 3 inches in diameter. Very mild and tender. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Crisp and Delicious Lettuces

Lettuce is one of the oldest vegetables and is of unknown origin. Its continual and widespread usage has been due largely to the constant breeding of better types for uniformity, disease resistance and high quality. The seed germinates quickly and can be planted as soon as cold days are past; January and February for the main spring crop and July and August for the main fall and winter crop of the heading types. The loose leaf type matures much quicker than the heading types and when planted at the same time will be through before the heading type comes in. Seed may be drilled in and thinned out to 10 inches apart in rows 15-18 inches apart or may be sown in a cold frame and transplanted out when in the four-leaf stage.

Heading Varieties

BIG BOSTON—Very popular and valuable for summer and fall gardens. Glossy, plain edged leaves are slightly tinged brown on the margins. Large, firm, solid, well folded heads are formed, being buttery yellow at the head and very crisp, tender and delicious. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.25.

CALIFORNIA CREAM BUTTER—Heads are large, globular, solid, with a golden yellow buttery interior. The leaves are thick, dark green, slightly tinged and spotted with brown. Splendid home and market garden variety. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

HANSON—A desirable, large heading summer lettuce well adapted for the home garden. Outer leaves yellowish green, broad, somewhat crumpled and frilled at edge and with distinctive mid-rib. The inner leaves are white, very crisp and sweet. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

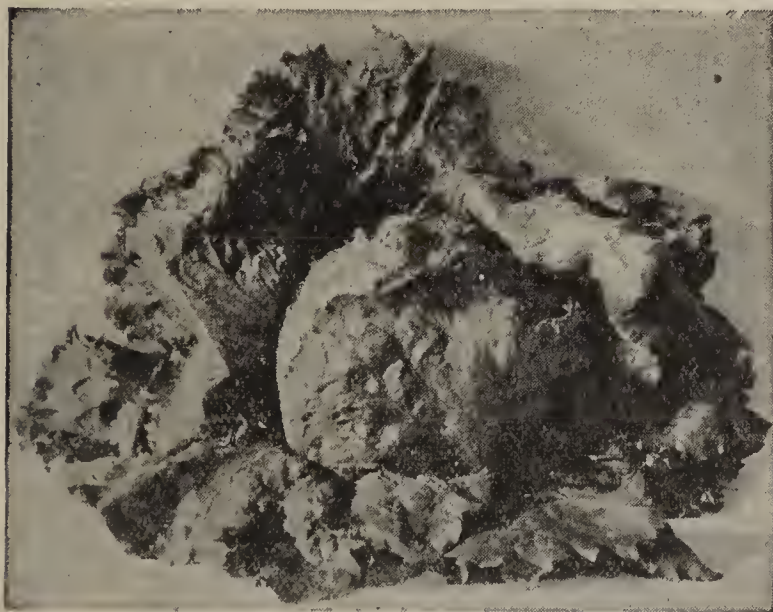
ICEBERG—A hard heading, crisp, curly leaf variety, having outer leaves of yellowish green, lightly tinged on the edges with reddish brown. Used for late spring and early fall sowing as it does better than the New York during the warm weather. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.



Lettuce, Early Prizehead



Lettuce, Black Seeded Simpson



Lettuce, New York or Los Angeles

NEW YORK or LOS ANGELES—The most widely used Lettuce, planted extensively for Eastern shipment. The plants are very large, forming compact tight heads, the outer leaves attractive deep green, broad, frilled at edges, and the heart leaves white, tender, and very delicious. Does best only in the cooler seasons. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Curled or Loose Headed Varieties

BLACK SEED SIMPSON—This is an early dependable favorite in home and market gardens. The splendid large attractive compact broad frilled or ruffled light green leaves are delicious, tender and crisp. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

EARLY CURLED SIMPSON (White Seeded Simpson)—Especially adapted for thick sowing and early harvesting when plants are young. The leaves are light green, slightly frilled, crisp, tender and sweet, very popular in home gardens. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

EARLY PRIZEHEAD—An early quick growing excellent home and market garden variety. The leaves are finely curled and crumpled, bright green tinged with coppery red; very crisp, sweet and tender. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

Chicken Lettuce

This plant grows much like Kale, reaching 4 or 5 feet in height with much leaf growth. It is used mainly for chicken and rabbit feeding as it does not head, and is seldom used for table purposes. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Cos or Romaine Lettuce

This lettuce is distinguished by its long narrow spoon-shaped leaves which fold into a conical shaped head 7 to 10 inches high. When well blanched the leaves are a whitish green with a distinct superior quality. Thin plants to about 8 inches apart and follow regular lettuce cultural methods noting that this does not make solid heads in hot weather.

PARIS WHITE or TRIANON—Heads are 9 to 10 in. tall, thick and blunt at top, and made up of self-folding leaves of light green color. The very finest variety for salads, being very tender, crisp and sweet. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.



Lettuce, Cos or Romaine

Muskmelons of Finest Flavor

Muskmelons are among the oldest cultivated vegetables, and in recent years have received specialized care and attention to bring about notable improvements in quality, flavor, and productivity.

Plant seed when danger of frost is past in warm, rich soil, preferably sandy loam, in hills 4 to 6 feet apart, depending on vigor of the variety. Drop 8 to 10 seed, covering 1 inch deep. Later thin to 4 plants and give frequent shallow cultivations, irrigating often enough to keep vines in the best of health and vigor at all times.

Green Fleshed Varieties

ROCKY FORD (10-25)—Typically Rocky Ford in size, shape and netting. The green flesh of this improved strain has a slight golden tint next to the seed cavity, and the flavor is delicious, remarkably sweet and juicy. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Orange or Salmon Fleshed Varieties

BANANA—A novelty item with surprisingly good quality. The fruit grows 2 to 2½ feet long, about 4 to 5 inches in diameter, with flesh of deep salmon color. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

HALE'S BEST—A remarkably early shipping melon being the earliest of the salmon flesh shipping varieties. Fruits are oval in shape, about 6 inches long by 4½ inches in diameter, with heavy netting and fairly distinct ribbing. Flesh exceptionally thick and deep salmon in color. A most promising and profitable variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00; 2 lbs. \$1.80; 10 lbs. \$8.00.

HEARTS OF GOLD—A melon that has become very popular lately and is increasing in popularity. It is an early salmon flesh variety and with a moderate amount of netting and fairly distinct ribs. An excellent melon for the market gardeners and shippers. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00; 2 lbs. \$1.80; 10 lbs. \$8.00.

IMPROVED PERFECTO—A superior type of Rocky Ford having very thick, deep salmon tinted flesh with an exceptionally small seed cavity. The fruit is firm, hard, gray netting; excellent quality and a fine shipper. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

TIP TOP—This excellent home and market garden variety is one of the larger types, flat oval in shape, weight 6 to 7 pounds, distinctly ribbed and slightly netted. The skin is pale green, turning to yellow at maturity with a delicious spicy sweet flesh of deep salmon color. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

ORIENTAL or JAPANESE—This melon originated in Southern California and appears to be a cross between the Golden Beauty Casaba and Persian Melon. It has the same salmon tinted flesh as the latter but the texture is as fine as the Casaba, and very sweet. The rind is thin, yellowish green with darker blotches. When ripe the fruit averages 7 to 8 pounds. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

PERSIAN MELON—The giant fruits of this splendid variety weigh around 10 lbs., are globular in shape and heavily netted. The rind is dark green, and the flesh is very thick, sweet, juicy and of a rich bright orange color. They should be allowed to thoroughly ripen on the vines before picking. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.00.



Muskmelon. Hearts of Gold

Fall and Winter Varieties

GOLDEN BEAUTY CASABA (Summer)—This is a medium sized globe shaped melon, slightly pointed at the stem end with a wrinkled leathery bright yellow skin. The flesh is fine grained, pure white, juicy, very thick, and of excellent flavor. The fruits begin to ripen in July, continuing to bear all summer and fall until frost comes. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

SANTA CLAUS CASABA (Winter)—The fruits are elongated, oval-shaped with wrinkled, leathery, greenish-yellow skin. The white flesh is juicy, fine grained, spicy and delicious. This variety ripens slowly and can be stored well, lasting through the winter. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

HONEY BALL—An excellent shipping variety, smooth yellowish white skin with thick silvery green, delicious flesh, having a small seed cavity. The fruits are ball shaped, about 4 to 5½ inches in diameter, earlier than Honey Dew and good keepers. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

HONEY DEW—The rind is dull white when ripe with the occurrence of a few slight checks or sparse netting at harvest time. The fruits are 6-7 inches through and 7-8 inches long with thick greenish firm flesh of excellent quality; fine for shipping, as they keep well. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Garden-Fresh Vegetables Are Healthiest

10 FOOT SQUARE IS LARGE ENOUGH

Growing vegetables in your own back yard is a healthful practice from more than one point of view. We think of garden-fresh vegetables harvested an hour before mealtime, as wholesome because they contain in full amount the vitamins and mineral salts which nature put in them. But there is another angle to consider. The physical exertion of gardening is healthful. It is a physical culture course in its own right, and although it won't give you a massage and a rubdown after the exercises are over, the open air and sunlight will compensate for this little oversight.

Watermelons from Your Backyard

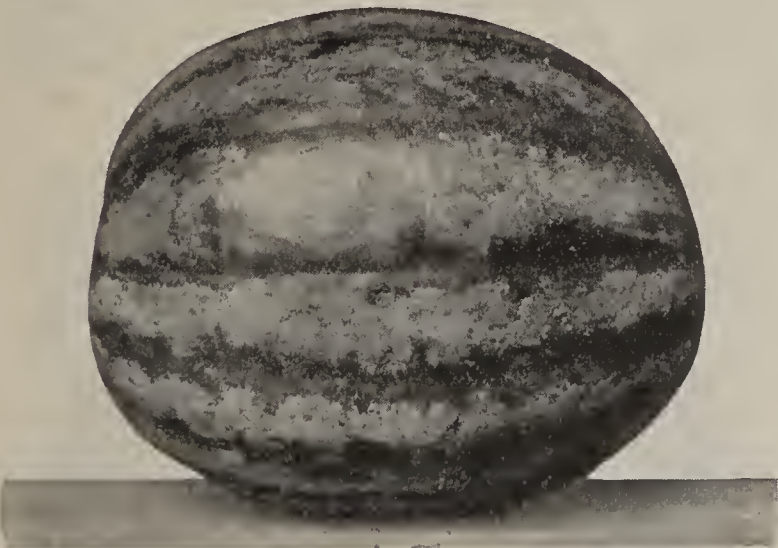
Watermelons will thrive well under the same good cultural methods and soil requirements as Muskmelon, except the vines are more spreading and require greater distance between plants.

CHILEAN (Black Seeded)—This oblong type melon has bright red flesh of a fine sweet flavor; thin brittle rind, and deep green skin mottled a darker green color. It is highly recommended for the home garden. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00; 2 lbs. \$1.80; 5 lbs. \$4.00; 10 lbs. \$7.50.



Watermelon, Coopers Striped Klondike

KLONDIKE COOPER'S STRIPED—This melon has recently won great favor, and is about the same as the regular Klondike but the skin is light green with mottled dark green stripes running from end to end. The flesh is similar also, but slightly lacks the superior quality found in the University strain. It takes well in some markets, and should not be confused with Georgia Rattlesnake which is a distinctly separate variety. A splendid home and market garden variety. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50; 2 lbs. \$2.75; 5 lbs. \$6.25; 10 lbs. \$11.00.



Watermelon Angelino

ANGELINO—This is a medium large blocky dark green fruit with a beautifully contrasting bright red flesh which is of fine quality. This variety stands up well and is a fine home garden variety. Soak seed a few hours before planting. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00; 2 lbs. \$1.80; 5 lbs. \$4.00; 10 lbs. \$7.50.



Watermelon, Klondike University Strain

KLONDIKE UNIVERSITY STRAIN—This excellent new strain was developed at the University Farm at Davis, California. It is the most outstanding strain of this popular melon for by careful breeding and selection the desired qualities of uniformity in size, shape, color and quality have been stabilized. The fruits are medium sized, oblong, and solid dark green. The flesh is bright red, crisp, tender and excellent in eating quality. The seeds are small, few in number and uniformly dark colored throughout. Due to the uniformity in size, shape and strength of rind, this variety is one of the best for shipping, and is also unequalled for the home and market garden. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50; 2 lbs. \$2.75; 5 lbs. \$6.25; 10 lbs. \$11.00.

TOM WATSON—An extra long melon of giant size, deep green skin, faintly webbed or veined with a deeper green color. Fine quality bright red flesh. A splendid home garden variety and is particularly favored in the South. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; $\frac{1}{2}$ lb. 50c; lb. 85c.

Citron

RED SEEDED—Small round fruits mottled light and dark green. Used for preserves; ripens late and keeps for months. Should not be planted near watermelons as they cross readily. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

GREEN SEEDED—Similar to above, but with green seeds. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Mushroom Spawn



With reasonable care and attention to cultural requirements, mushrooms may be successfully produced. We offer only first-class, highly reliable spawn that will produce the cream variety of mushrooms. The bricks weigh 1 to $1\frac{1}{4}$ lbs each, and will plant an area 8 to 10 square feet.

Bricks 40c each postpaid; 5 bricks, \$1.75.

WRITE FOR FREE CIRCULAR ON MUSHROOM CULTURE

FINE QUALITY ONION SEED



Onion, Italian Red

ITALIAN RED or TORPEDO—Early. This is one of our introductions and is very popular with the home and market gardeners. It is elongated and globular in shape, a very heavy producer, very early, with a remarkably sweet flavor with the mildness of an apple. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

MUSTARD

Mustard is grown principally for greens, the leaves resembling those of turnips but are larger, more tender, and not so coarse. Mustard does best when sown so that it matures during the cool of spring or early fall. Sow in rows 18 inches apart, and thin plants to 6 inches distance. Mustard goes to seed quickly, so successive sowings are necessary for continuous cropping.

BAK-TOI (Chinese White Rib) — This variety has green leaves with broad white rib, somewhat like a small chard plant. Delicious when cooked, the same as Spinach or Chard, and is very popular among the Chinese and Japanese people. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

FORDHOOK FANCY (Ostrich Plume)—A handsome, vigorous growing, mild variety. Leaves bright green, intensely curled and fringed on the edges; fine for salads and garnishings; seed reddish-brown. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

SOUTHERN GIANT CURLED—Plant vigorous and hardy, of upright, spreading growth; leaves 5 inches long by 3 inches wide, light green, tinged yellow, much crumpled and frilled at the edges. The popular market variety in the South; seed small, dark reddish-brown. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Onions are very hardy and will grow reasonably well in any soil, requiring no specialized culture. They do best, however, in good rich well drained loose soil. For early onions sow seed in beds from August 1st to October 1st, transplanting when the plants are the size of a lead pencil, 5 inches distant in rows 15 inches apart. The varieties designated Early will mature bulbs in June and July, and the Standard Late varieties from August on. In rich bottom land seed is sometimes drilled in and later thinned out, omitting transplanting.

Red Varieties

CALIFORNIA EARLY RED (U. C. No. 1)—New pedigreed stock. Early. This splendid early strain, produced by careful breeding selection is infinitely superior to the old type in numerous respects. It is a heavy producer, forming large, heavy, half globe bulbs with thick skin of an even deep red color. The flesh is sweet and juicy of a mild delicious flavor. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$2.50.

RED WEATHERSFIELD—Standard Late. A very popular handsome, large, bright purplish-red onion. Thick flattened globe-shaped, smooth, glossy skin, firm flesh, rather strong but pleasant flavor. Very productive and an excellent keeper. One of the oldest and best late red onions. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$2.00.

Yellow Varieties

AUSTRALIAN BROWN (U. C. No. 1) — Standard Late. Developed by the University of California Agricultural Experiment Station through several years of intensive breeding and selection work. Superior to the old variety, it is an absolutely true uniform strain producing flattened globe shaped bulbs of deep chestnut brown color. The thick outer scales adhere close, making this onion the best keeper of all onion varieties. The inner flesh is a beautiful creamy yellow without the usual trace of pink coloring, and is of fine mild flavor and excellent quality. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$2.50.

CALIFORNIA EARLY YELLOW (Stockton)—Early. This is the early yellow companion to California Early Red. It is a splendid large, heavy, half globe, of an attractive light lemon yellow color. The flesh is pearly white, very juicy, mild and sweet. This splendid onion is a heavy yielder of fine large bulbs that keep fairly well for early onions. They are very popular in the home and in the market as an early onion. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.



Onion, California Early Red

Onions (Continued)

SOUTHPORT YELLOW GLOBE—Standard Late. A hardy heavy producer of simi ar type to Southport Red Globe except bulbs are a rich yellow color, and average a little larger in size. The flesh is creamy white, fine grained, and of splendid mild flavor. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

SOUTHPORT WHITE GLOBE—The best pure white, large globe-shaped variety. Similar in shape to the Southport Yellow Globe and of excellent quality and flavor. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

YELLOW BERMUDA—Early. Very early flattened onion of a mild sweet flavor. Particularly popular in the South. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

YELLOW GLOBE DANVERS SELECTED—Standard Late. Fine strain of this splendid variety. The bulbs are of medium to large size and are uniformly globe-shaped with small neck; of even maturity and of rich coppery yellow color. The flesh is creamy white, crisp, solid, and of a mild fine flavor. An excellent keeper. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

SWEET SPANISH EXPERIMENT STATION STRAIN—A greatly improved strain of Sweet Spanish destined to replace present commercial strains. Developed by careful selection and controlled breeding work over a number of years. The bulbs are very large and of a beautiful deep bronzy yellow color, especially superior in its firmness, keeping quality, mild and deliciousness of flavor.

Market and home gardeners will find this a splendid strain. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

YELLOW SWEET SPANISH (Utah Strain) — Bulbs of very large size, rich deep yellowish-brown color, globular, with small necks. Improved over other strains in fine exterior color, true globular shape and freedom from shallow depression at top of bulb. Flesh pure white and extremely mild flavor. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.



Yellow Sweet Spanish, Utah Strain

EARLY GRANO—An outstanding early onion. The bulb has a general globe shape, tending to be slightly oblong or "top shaped". The flesh is light straw yellow in color, being very sweet and mild in flavor. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

White Varieties

BUNCHING ONION—The best for early small green onions. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 90c; $\frac{1}{2}$ lb. \$1.40; lb. \$2.50.

CRYSTAL WHITE WAX—Medium size pure waxy white onion and very mild. An early variety. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

WHITE BERMUDA—Bulbs are straw white in color, flat shaped, mild and sweet. Early variety. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

JAPANESE GREEN—A variety of green onion particularly adapted for summer sowing, doing better at this season than others. Largely planted by market gardeners. Very attractive when bunched. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

WHITE SWEET SPANISH—While identical in size, shape and flavor with the yellow variety, it is preferred by some because of its pure white color. It is a good keeper and stands shipping well. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

WHITE QUEEN—A very early white onion. Rather small and largely used for pickles. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.



Onion, Australian Brown

ONION SETS

Onion sets are miniature onion bulbs formed by sowing seed thick, at the rate of 50 to 75 pounds per acre. They should not be planted for dry onions as a large percentage of them will run to seed before forming a bulb.

BROWN ONION SETS—Lb. 25c; 5 lbs. \$1.00.

Peanuts

While it is not generally known, nevertheless, peanuts will do well in many parts of California. A light sandy soil is best. Plant about April in rows $2\frac{1}{2}$ to 3 feet apart, dropping one nut every 8 or 10 inches in the row, covering 1 to 2 inches. It requires 50 pounds, in hull, to plant an acre. **VIRGINIA** — Lb. 30c; 10 lbs. \$2.50.



Peanuts, Virginia

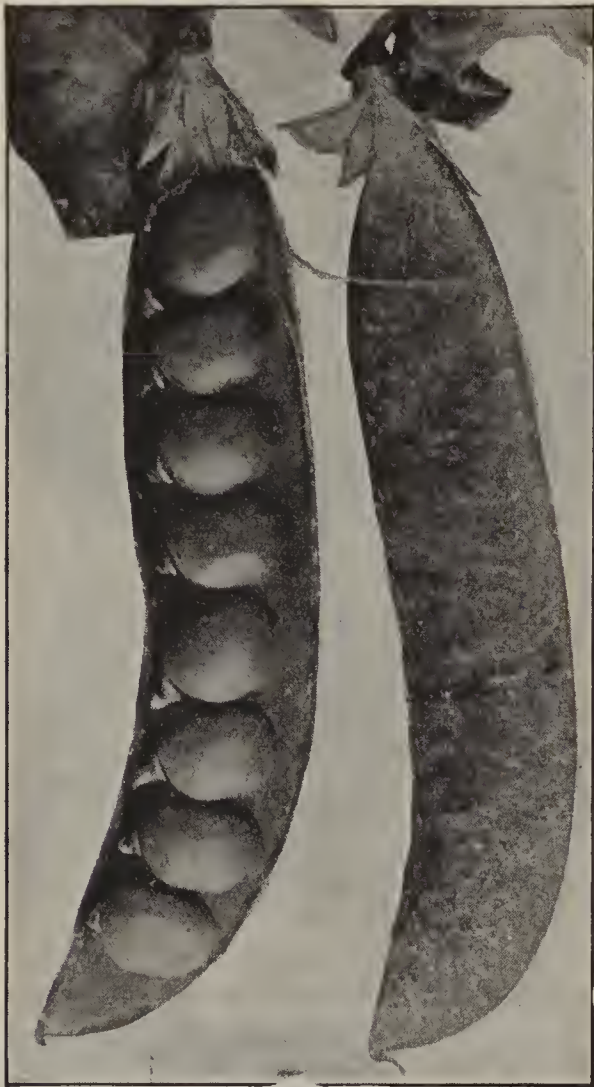
Okra or Gumbo

The young seed pods are used in soup, stews, catsups, and other relishes, being very popular in the South. After danger from frost, and when the ground is warm, sow seed in rows $2\frac{1}{2}$ feet apart, dropping seed 2 inches apart and covering 1 inch deep. Thin when plants are 3-4 inches high to 12 inches distance.

WHITE VELVET—Plants about $3\frac{1}{2}$ feet high, early and productive. Pods are white, long, smooth and tender until nearly full sized. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 70c.

PERKINS MAMMOTH — Plants about 3 feet high, early and productive. Pods are deep green, very long, slender, slightly corrugated, tender and of good quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 70c.

PEAS OF FINEST FLAVOR



Peas, Laxton's Progress

peas medium size and wrinkled. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.25.

GIANT STRIDE—This is a newly improved strain of peas with larger and fuller pods than those of Strata-gem. The vines are vigorous, growing about 20 inches high, pods are very large, pointed, dark green and well filled with large green peas of the finest flavor. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.25.

GRADUS or PROSPERITY—The most popular of the long, large podded, wrinkled peas. Of the finest quality, maturing pods only a few days later than the extra early smooth peas. Vines grow about 2 $\frac{1}{2}$ feet high and are very large. Superior in quality, size and flavor. Always salable as a market variety. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.25.

HUNDREDFOLD—One of the best of the Laxtonian types; vine 2 feet high, sturdy, dark green and productive. Pods dark green, 4 inches long, fairly broad and pointed, containing eight large, dark green peas; excellent quality. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.25.

IMPROVED STRATAGEM—A standard, large podded, main crop variety. The vines are vigorous but grow only about 20 inches high, the pods are very large, pointed, dark green and well filled with large, dark green peas of the finest flavor. It is a heavy cropper. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.25.

TELEPHONE—A favorite of the extra large pods. Vines large, coarse leaves, height 4 $\frac{1}{2}$ feet. Pods are large, filled with enormous, tender peas of sweet and excellent flavor. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.25.

The best time to plant peas in our locality is from October 1st to March 1st. Planted later than this they will produce only a small crop, as very hot weather will stunt their growth, except along the coast where the weather is cool and moist, they can be planted practically the entire year. Be extremely careful, do not plant peas when the ground is wet or soggy as they will easily rot; however, when they are out of the ground they will stand a great deal of frost and cold weather, except if a heavy frost catches them just after blooming it will kill the pods. They will bloom again and form other pods but the crop will not be so heavy. Plant 60-80 pounds of seed per acre, either in hills or drills.

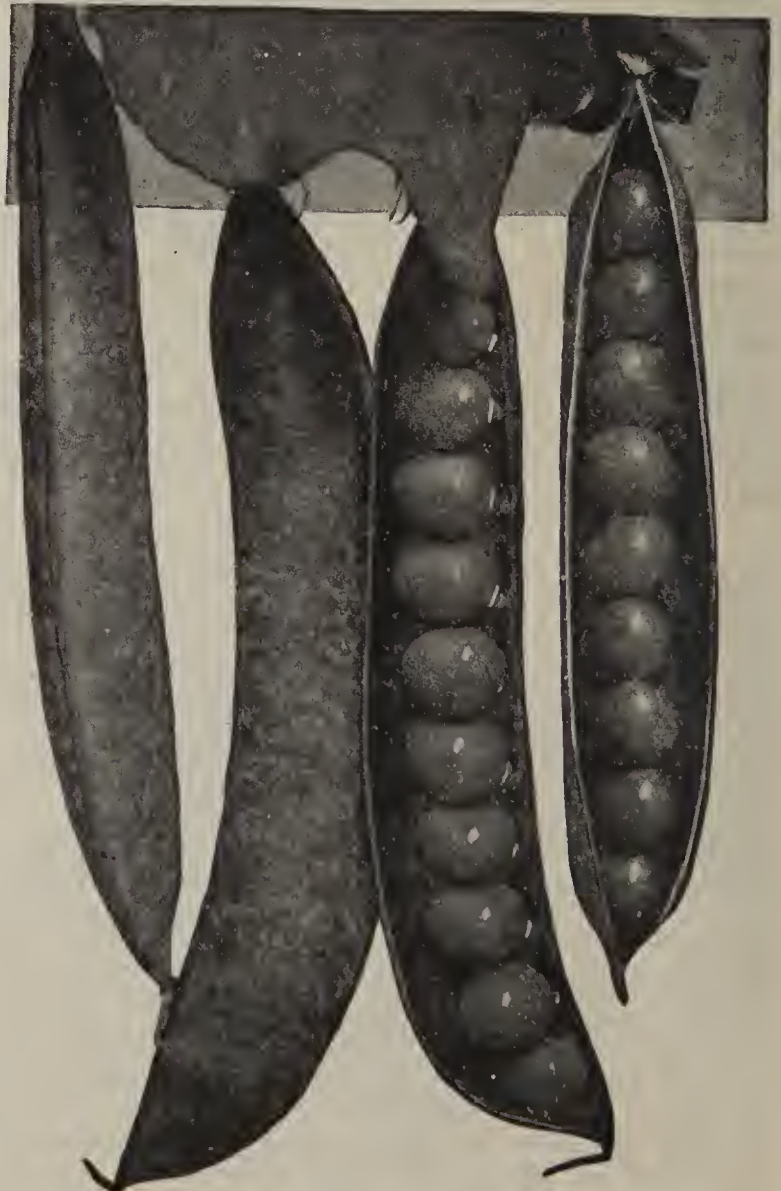
ALASKA—A smooth pea well suited for extra early planting. Vine 2 $\frac{1}{2}$ feet tall; slender pods. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.25.

ALDERMAN—A handsome large podded variety of the Telephone family, excellent for home and market gardeners and shippers. Resistant to Fusarium Wilt. Pods are single, broad, straight, plump, dark green, pointed. Vines grow 3 $\frac{1}{2}$ -4 feet tall and produce delicious peas. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.25.

AMERICAN WONDER—On the points of flavor and quality this Pea stands at the head of the list. Very dwarf and robust habit and grows 10 to 15 inches high. Pods well filled; dry

LAXTON PROGRESS—The earliest large podded sweet dwarf pea. Height 18 inches. In season four days earlier than Laxtonian. Pods 4 inches long, broad and pointed, deep green in color, containing eight large, dark green peas of high quality. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.25.

MELTING SUGAR—An edible pod pea. Vines 4-5 feet tall; seeds creamy white. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 5 lbs. \$1.50.



Peas, Giant Stride

Giant Peppers of Quality

For early peppers sow the seed in hot beds in December and January. Transplant as soon as weather and soil in your locality will permit, 18 inches apart in rows 30 inches apart. For later crop you may also sow seed in February and March. Pepper seed germinates slowly and needs the heat of a hot bed to germinate in these months. If you have had no hot bed experience it will be hard for you to raise early pepper plants, as the heat, light, moisture and ventilation in your hot bed must be correct; otherwise your plants will "damp off", that is, they will rot even with the ground and die, and sometimes the seed will not even germinate, as this fungus will kill



Pepper, California Wonder

it before it sprouts. In most cases it is advisable and sometimes cheaper to buy plants already started, if only a few are wanted. The very same rule applies to the planting and growing of an egg plant. These two varieties of vegetables are rather hard to start from seed, but when once transplanted they are extremely hardy and will grow on any soil and do not take any special care or attention.

CHINESE GIANT—An exceedingly large red Pepper. The plants are vigorous and stocky, 2 feet high, well-branched, and thickly set with fruits. The monstrous fruits mature slightly later than Ruby King, are blocky in form, 4 to 5 inches broad at the top and of equal length, divided into four or more ridges, of a brilliant glossy scarlet, and mild in flavor. Pkt. 5c; oz. 50c; ¼ lb. \$1.50; lb. \$5.50.

ITALIAN BELL PEPPER—A pepper attaining enormous size, often growing to 5 inches in diameter. It is exceedingly sweet and the finest for stuffing. Plant it for market or in your garden; it has no equal. Pkt. 5c; oz. 50c; ¼ lb. \$1.75; lb. \$7.00.

PIMIENTO—An excellent, attractive and very productive variety. The fruits are medium sized, smooth and glossy green, becoming red as they mature. The meat is thick and of a fine sweet flavor. The plants are vigorous and of medium height. This sort is largely used by canners, but is equally valuable for salads and for stuffing. Pkt. 5c; oz. 40c; ¼ lb. \$1.25; 1 lb. \$3.50.

CALIFORNIA WONDER — A large pepper nearly equal in size, and earlier than the Chinese Giant. The large fruits measure 4½ inches across by 5 or 6 inches deep and are decidedly blocky or square ended. The flesh walls are thick, heavy and of fine sweet pepper flavor. When immature the skin is a smooth attractive green color, changing at maturity to a brilliant light crimson. Pkt. 5c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.

LONG RED CAYENNE — A red hot variety. The slender, tapering, twisted, pointed pods are pendant and average 3 inches in length, diameter reducing from ½ inch to the point. They are deep green when young, bright red and very pungent when ripe. Plant is productive, branching, and with dark green foliage. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; 1 lb. \$5.00.

ANAHEIM CHILI —This pepper is largely grown, and is used dried and for canning. It is long, 7 inches or so, medium-sized in width, and thick fleshed. The flavor is mild for a Chili Pepper, and one liked by Mexicans and Americans alike. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; 1 lb. \$4.50.

WAX PEPPER—Used extensively for pickling. Pkt. 10c; oz. 75c; ¼ lb. \$2.00; lb. \$7.50.

FLORAL GEM—It is 1½ inches in diameter, 1½ to 3 inches long, cone shaped. This pepper turns from green to a beautiful waxy yellow at which time it is marketed. When mature it is red. Becoming a favorite hot pepper for pickling, etc. Pkt. 10c; oz. 75c; ¼ lb. \$2.00; lb. \$7.50.



Pepper, Italian Bell



Parsley, Fine Double Curled

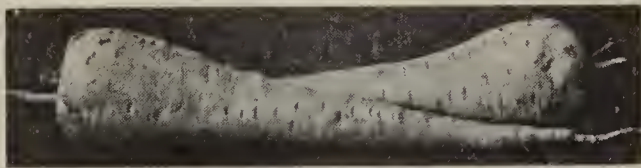
Pick of the Parsleys

One ounce of seed will sow 100 feet of drill. Sow thinly in drills 1 foot apart and thin out the plants to 3 or 4 inches apart. The seed germinates slowly, sometimes 3 or 4 weeks passing before the plants appear.

EMERALD or DWARF EXTRA-CURLED—Leaves tender, beautifully crimped, handsome bright green color. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

PLAIN-LEAVED—Much used in soups, etc.; rather stronger in flavor than the other sorts. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 85c.

HAMBURG or TURNIP-ROOTED—The edible part of this is the roots and not the foliage. Root resembles a parsnip and the foliage is plain. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.



Parsnip

One ounce will sow 150 feet of row. Use a deep, rich, sandy soil, although any, deep, mellow, moderately rich soil will produce good roots. Sow as early in spring as possible, in rows which are $1\frac{1}{2}$ feet apart, covering firmly with $\frac{1}{2}$ inch of fine soil. When plants are well up, thin to 2 or 3 inches apart in the row. Cultivate frequently. Parsnip seed is slow to germinate; sowings should be made early and soil pressed down firmly over seeds.

HOLLOW CROWN—The roots are about 18 inches long, with smooth white skin, uniform in shape, tapering evenly from a heavy shoulder down to a small roots, tender and of best quality. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Grow Your Own Potatoes

Six hundred pounds will plant an acre. It is best to cut the potatoes with two or three eyes to a piece, planting these in rows or hills about 3 feet apart and about 8 to 12 inches apart in the row. Write for our special price list on Seed Potatoes in large quantities.

Prices on Seed Potatoes are f. o. b. Sacramento.

Owing to the fluctuating prices on potatoes, we would appreciate it if our customers would write for prices, stating quantity desired, and we shall quote prices promptly.

AMERICAN WONDERS—An old standard white variety.

BRITISH QUEEN—It is oval in shape and has cream skin with white flesh. Can be planted as an early potato, and also for the main crop.

CHILI GARNET—A round pink-skinned variety.

EARLY ROSE—The well known and popular pink-skinned potato, tubers are medium sized, smooth and white-meated; an elegant cooker; matures early.

BLISS TRIUMPH—This early variety matures ten days earlier than the Early Rose and is more productive. Vines erect; foliage dark green. Tubers medium size, round, uniform in shape; eyes slightly depressed; skin light red, flesh fine grained.



Potato, White Rose

WHITE ROSE—This season we are in position to offer a fine stock of this popular variety.

EASTERN GROWN EARLY PRIDE—Long white potato, very productive. One of the best to plant in a white potato either for home or market.

Varieties of Potatoes

Within the last few years the Bliss Triumph has become very popular as an early red potato. It is gradually replacing the Early Rose to a great extent, because it is a little earlier and much more productive. Another feature about the Bliss Triumph is that they can be dug earlier than Early Rose for new potatoes. The Eastern Grown Early Pride is the only variety in our estimation that really produces more than others in this section. When planted from Eastern grown seed we do not believe there is a better variety for this section.

Pumpkins



Pumpkin, Connecticut Field

Pumpkins are frequently planted in connection with a crop of field corn, and if you grow corn you may just as well grow pumpkins. They will grow best in soil kept moist by the dry farming method, as too much moisture will kill them. Plant the seed in open ground, after the danger of frost is over, in hills 8 feet apart each way, drop from 8 to 10 seeds per hill and when the plants are about 5 inches high and danger of insect pests is past, thin to 3 or 4 of the healthiest plants. If irrigation is needed, run the water in ditches about 18 inches from the hill. Do not plant near squashes or melons as they are likely to mix. About 3 pounds of seed will plant one acre.



Dickinson, Cannery Pumpkin

CALIFORNIA FIELD—The well known, ordinary Pumpkin, largely used for stock feeding. The fruit is variously colored in yellow, drab, red and orange, and varies also in size, but is usually very large. Is a heavy cropper and easily grown. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. 75c.

CONNECTICUT FIELD—This is widely known as the Yankee Cow Pumpkin, and there is no variety that will do as well among the corn. Plant them on your richest land. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. 75c.

SMALL SUGAR or NEW ENGLAND PIE—This excellent variety is small, round or somewhat flattened, about 8 to 10 inches in diameter, slightly ribbed, and of a deep orange color. The flesh is a rich deep yellow, fine-grained and very sweet. A superb kind for pies. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. 85c.

GREEN STRIPED CUSHAW—Trunks very large, with crooked neck. Color creamy white, irregularly striped or traced with green. Flesh light yellow, very thick, rather coarse but sweet. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

DICKINSON (Cannery Pumpkin)—This variety is used almost exclusively by local canners for canning. It is very productive and fine quality. Flesh thick, yellow. An excellent variety to plant for stock. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. 75c.

LARGE SWEET CHEESE or KENTUCKY—One of the old standard sorts. Flat and often 20 inches in diameter; skin buff; flesh thick, yellow, and of fine quality. Productive and an excellent keeper. Good for stock feeding as well as pies. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. 75c.

MAMMOTH KING—Flesh and skin bright golden yellow. Flesh fine grained, excellent quality. One of the best pie pumpkins and a splendid keeper. This enormous variety has been grown to weigh 200 lbs. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 65c; lb. \$1.00.

Rhubarb

Sow seed early in the spring, preferably February. The young seedlings should be kept growing during the first season as they will form the root that should be transplanted to the permanent field as soon as the ground can be worked the following spring. A good crop can be expected the first season from good roots set out in the spring. Rhubarb grown from seed does not come true, some undesirable types appearing and these should be discarded.

GIANT WINTER CRIMSON—Very productive, bearing large stalks. Pkt. 10c; oz. \$1.50; $\frac{1}{4}$ lb. \$5.00.

STRAWBERRY—An old standard variety, fine quality and appearance. Pkt. 10c; oz. \$1.50; $\frac{1}{4}$ lb. \$5.00.

Rhubarb Roots

The plants we offer are one year old and will produce a good crop the first season.

CHERRY—This new Rhubarb is an improvement on the other sorts. The roots we offer of this variety are root divisions and not roots grown from seed. Roots grown from seed are not as desirable as the root divisions. Cherry Rhubarb Roots, 20c each; \$2.00 per doz. 25c each; \$2.50 per doz., postpaid to fourth zone.

GIANT WINTER CRIMSON—15c each; \$1.25 per doz., postpaid to fourth zone.

STRAWBERRY—15c each; \$1.50 per doz., postpaid to fourth zone.

Roselle

An annual plant. The buds or calyx surrounding the seed pod are used (as soon as the flower drops) for making jelly and jam. It makes a very superior jelly, considered by many better than guava or currant jelly. In Australia the Roselle produces the famous Queensland Jelly that is shipped to all parts of Europe. Sow in spring after the danger of frost is over and when the soil is warm, in rows 6 feet apart and 4 feet apart in the rows. The plant is ornamental and easily grown from seed. Pkt. 10c; oz. 50c.

Radishes---Easiest of All to Grow



Radish, Scarlet Globe

JAPANESE LONG WHITE—A winter variety frequently growing 2 feet long and about 3 inches in diameter. The white flesh is solid, tender and very pungent. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

LONG SCARLET—The best of the long red radishes, very attractive color and fine quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 85c.

ROUND BLACK SPANISH—A general favorite. Very similar to Long Black Spanish except in shape, which is round to top shaped. Skin black, flesh white and pungent; keeps well. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.



Rutabaga, Improved American Purple Top

One ounce will sow 100 feet of drill, 8 to 12 pounds per acre. For first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season for succession. A warm, sandy loam, made rich and light by strong manure, is best. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August.

SCARLET TURNIP WHITE TIP—On account of its quick growing, fine quality and attractive color this is the leading home garden and market radish. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 50c; 1 lb. 75c.

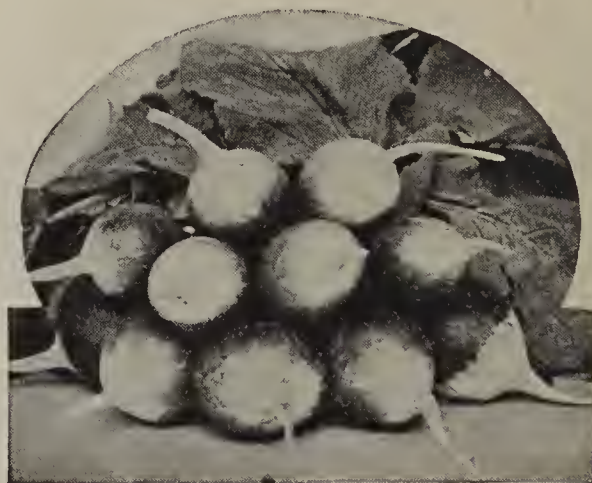
SCARLET GLOBE—Ideal early variety for bunching purposes. Roots of bright scarlet, elongated globe shape being $1\frac{1}{4}$ inches long when ideal for use. Flesh white, very crisp. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. 75c.

CALIFORNIA WHITE MAMMOTH—Long, white, of large size. A good keeper; flesh tender and crisp. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 85c.

CHINESE ROSE—Very popular with market gardeners; very smooth, bright rose color; large. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

FRENCH BREAKFAST—Well known, quick growing variety, of oval shape. Bright scarlet, tipped with white. Of medium size, crisp and tender. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 85c.

ICICLE—Clear white roots up to 6 inches in length with a third of their length out of the ground, delicately tinted ivory at the top. Crisp, tender and especially mild. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 85c.



Radish, Scarlet Turnip White Tip

Rutabagas or Swedes

Require a longer season than Turnips. For table use they keep better, and are better flavored than the Turnip. Turnips and Rutabagas are relished by all kinds of stock and there is nothing better in a fall and winter feed as they keep the cattle in good condition.

IMPROVED AMERICAN PURPLE TOP—Our strain is remarkable for uniform shape and fine quality, and is a splendid keeper. The roots grow to a large size, have small tops, short necks and smooth skin; flesh is of beautiful yellow color, fine grained, very sweet, tender and of excellent flavor. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. 75c.

Spinaches of Longer Season

This plant will grow in any ordinary soil, but responds well to fertility. Sow early in the spring in drills 12 to 18 inches apart. For early use sow in August or September. One ounce of seed will sow 50 feet of drill. Eight to 15 pounds per acre.

AMSTERDAM GIANT PRICKLY WINTER—The leading variety in the prickly seeded varieties of Spinach, being used by both the canners and the market gardeners. Plant is vigorous, leaves large, thick and of finest quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.50.

HOLLANDIA PRICKLY WINTER—A new and improved strain of the prickly winter varieties of Spinach. It is very uniform, the plants producing large smooth leaves with very short stems. Leaves are dark green and thick. A fine market and canning variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.50.

MONSTROUS or VIROFLAY—The leading variety of the round or smooth seeded class. Produces large smooth thick leaves of dark green color. Used extensively for spring planting by the canners. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.50.



Spinach, Hollandia Prickly

NOBEL—This new smooth or round seeded strain is very uniform. Produces very large, smooth, thick, dark green leaves and, like the Viroflay, is excellent for spring plantings. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.50.

New Zealand Spinach

Entirely distinct from true Spinach. Plant produces spreading branched stems from 2 to 3 feet long and bearing numerous thick, fleshy leaves. Plant several seeds in hills 2 feet apart each way. As seed coat is hard, better growth is secured by soaking seed for 24 hours in warm water. Pkt. 5c; oz. 15c; $\frac{1}{2}$ lb. 50c; lb. 75c.

Swiss Chard or Spinach Beet

Swiss Chard is grown for greens, the large well developed outer leaves being picked from time to time. Seed should be sown from February to July in rows 18 inches apart and plants thinned 8 to 10 inches apart. The earlier the seed is sown in the spring the longer will be the bearing season. Soil requirements and cultural conditions are otherwise the same as for Beets.

LUCULLUS—Leaves are large, rich light green, and slightly crumpled and savoyed with a narrow or small white stalk and mid-rib. Very tender and delicious. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00.

LARGE RIBBED WHITE—Smooth dark green leaves with large broad stalks and mid-ribs. The white portion may be served separately as asparagus and is also used for pickling. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00.

Salsify or Oyster Plant

The roots when cooked are very palatable and nutritious. The flavor is similar to oysters, hence its name. Salsify succeeds best in light, well enriched soil, which should be worked to a good depth. Coarse or fresh manure should be avoided as this will cause the roots to branch. Sow seed early in the spring in rows 12 to 15 inches apart, thinning 4 inches in the row.

MAMMOTH SANDWICH ISLAND—The improved large-rooted variety. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.00.



Swiss Chard

Squashes Popular with Home Gardeners

Any good enriched soil is adapted to the growing of Squash. The seed should not be sown in the spring until danger from frost is past and the ground is warm. Plant in hills (about 8 to 10 seeds to a hill) the early sorts 4 to 6 feet apart, the late varieties 8 to 12 feet. Thin out of three plants in the hill. Keep the earth about the plants loose and free from weeds. One ounce for 25 hills, 3 to 4 pounds per acre.

BANANA—One to 2 feet in length. Flesh firm and solid; orange yellow. Excellent quality, fine keeper. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

EARLY WHITE BUSH SCALLOP (Benning's Green Tinted)—An excellent sort. Popular in the West, on account of the greenish white color of the young fruits. Plants are of bush type. Fruit somewhat warted and white at maturity. Used widely by home and market gardeners and shippers. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; 1 lb. 90c; 2 lbs. \$1.70.

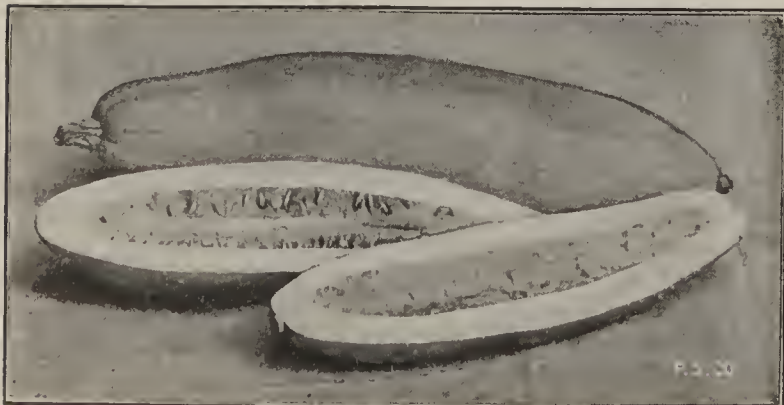
GOLDEN SUMMER CROOK NECK—Early and prolific. The fruits are of the true crook-neck type, heavily warted, and of light golden color; about 1 foot long. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. 90c; 2 lbs. \$1.70.

HUBBARD GREEN WARTED—A well known standard winter squash. Vines of trailing type; fruit somewhat pointed at both ends, weighing 10 to 12 pounds; slightly warted, dark bronze-green in color; rind hard and tough; flesh very thick, orange yellow, dry and sweet. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

ZUCCHINI (Black Fruited Strain)—A new strain of this favorite variety of summer squash, more desirable than the "gray-striped" strain. Fruits smooth, cylindrical and of handsome deep dark green color, free from striping or mottling. Flesh very firm and of delicate flavor. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. 90c.

ITALIAN or ZUCCHINI—Grey. Similar to the Black type but having a greyish cast rather than black. It is of good quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. 90c.

LAGENARIA LEUCANTHA LONGISSIMA (Cucuzzi Caravassi)—An edible gourd grown mostly by Italians. It has also been called "asparagus squash" and some few years ago was introduced in some sections as "New Guinea Bean". Fruits 20 to 24 inches long, often 36 inches; 4 to 6 inches in diameter. Vines trailing and should be trellised to grow straight fruits. Pkt. 10c; $\frac{1}{2}$ oz. 25c.



Banana Squash

MAMMOTH WHITE BUSH SCALLOP—Nearly as early as the Early Scallop and much larger, frequently growing 12 to 14 inches in diameter. A very handsome variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.



Squash, Hubbard Green Warted

STRAIGHTNECK (Giant Summer)—New. A selection from the Crookneck Squash but with a straight rather than a crooked neck, which makes it more easily packed for shipping. Fruits intensely warted, 18 to 20 inches long, deep orange in color with a thick, meaty neck. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. 90c.

TABLE QUEEN—A trailing variety, producing acorn-shaped fruit with a thin, distinctly ribbed, dark green shell; 6 inches long by 4½ inches in diameter; bakes well. Quite early. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.



Squash, Table Queen

TURBAN—Fruits 5 to 5½ inches in diameter generally variegated, most frequently with dark green, yellow and red. At the blossom end it has a swelling curiously striped with green, dark yellow and red. Mostly grown as a curiosity although flesh is thick, sweet and fine orange yellow color. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

Vegetables for the Home Garden

Many varieties of vegetables are easily grown in the home garden. Summer Squash is one of these, possibly one of the easiest to grow and productive and a fine food. Among some of the easily grown vegetables are Beans, Beets, Chinese Cabbage, Carrots, Swiss Chard, Chicory, Cucumbers, Lettuce, Mustard, Onions (from plants or sets, also seed), Peas, Radish, Spinach, Pepper and Tomatoes from plants; Turnips.

By sowing seed of the above varieties at the proper season these vegetables can be very easily grown. Fertilize freely for tender and crisp vegetables. We suggest our Bearmor Brand.

Tomatoes of Selected Strains

Tomatoes succeed best in well manured, light sandy soil. For early plants sow seed in boxes or hotbeds in January. When the plants are about 2 inches high transplant to 4 inches apart each way. Set out of doors as soon as danger of frost is over. Transplant carefully, 6 feet apart each way, and cultivate well as long as vines will permit. To obtain early fruit pinch off the ends of the branches when the first fruit is set. Our seed stock is of the very best selection. One ounce of seed for 2,000 plants.



SANTA CLARA CANNER—This is the large fruited variety so popular in the Santa Clara Valley. The heaviest (tons per acre) producing tomato on the Pacific Coast. Very profitable to grow for canneries. The large, thick, flat, scarlet fruits frequently show some corrugations. The strain we offer has been selected to obtain smoother fruits. Pkt. 10c; ½ oz. 40c; 1 oz. 75c; ¼ lb. \$2.50; 1 lb. \$8.00.

FOUR-NINETY-EIGHT—Very early and extremely productive for such an early variety. The fruit is scarlet, very smooth and almost globular. Fruits run uniform, being well protected by foliage which covers well the center of the plant. Pkt. 10c; oz. 75c; ¼ lb. \$2.50; ½ lb. \$4.50; 1 lb. \$8.00.



Tomato, New Stone

Tomato, Santa Clara Canner

SPARK'S EARLIANA—A perfect early tomato, large in size and beautiful in color, nearly seedless and very solid, a vigorous grower and prodigious bearer, yielding its splendid fruit until frost. Pkt. 5c; oz. 45c; ¼ lb. \$1.20; ½ lb. \$2.20; 1 lb. \$4.00.

YELLOW PEAR—Fruits 2 inches long; pear-formed; used for preserves, etc. Pkt. 5c; oz. 50c.

YELLOW PLUM—Fruits small, plum-shaped; flesh finely flavored and yellow. A good preserving variety. Pkt. 5c; oz. 50c.

GROUND CHERRY—Husk or Strawberry Tomato. Fruit golden yellow, size of a cherry. The fruits are enclosed in a husk. Excellent for preserves, sauce or pies; very productive. Pkt. 5c; oz. 50c; ¼ lb. \$1.75.

NEW STONE—One of the best main crop Tomatoes for all purposes and largely used for canning and shipping. The tomato is of good size, bright red, solid, smooth and productive. Pkt. 5c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.25; ½ lb. \$2.50; 1 lb. \$4.50.

OXHEART—Heart shaped, rosy pink, very solid flesh, few seeds. Single fruits often weigh 2 pounds. Mildly acid, of pleasing flavor. Pkt. 5c; oz. 75c; ¼ lb. \$2.00.

PONDEROSA—The largest tomato in existence. The vines are vigorous and tall growing, and extremely productive. The purplish-pink fruits are very solid with few seeds, fairly smooth, and considered of very good quality by those who prefer a tomato quite free from acid. Ripens about midseason. Desirable for slicing. Pkt. 5c; oz. 50c; ¼ lb. \$1.50; ½ lb. \$2.75; 1 lb. \$5.00.

Tomatoes (Continued)



Tomato, Marglobe

MARGLOBE—A new variety introduced by the United States Department of Agriculture. Fruit resembles Globe but is scarlet and the flesh more solid. It is very wilt-resistant. Pkt. 5c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; $\frac{1}{2}$ lb. \$2.75; lb. \$5.00.

FEED YOUR PLANTS FOR RESULTS

Plant food works marvels in producing the best in flowers and vegetables.

Plants are living things, that's why they need a square meal. Like other forms of life, plants breathe, reproduce and require food. There is one big difference between plants and other living things in that plants cannot pick up and go if food is not plentiful in the soil which supports them.

Under natural conditions you will only find flowers, grass and other vegetation in places where the soil is fertile. But, though we love a garden with beautiful lawns, flowers, shrubs and trees, few of us consider the fertility of the soil in determining where to locate our homes. The result is that most of the homes in cities and towns are surrounded by soil which is deficient in many of the elements plants require for finest growth. Only through proper plant feeding can these soils be made to produce beautiful gardens.

Delicious Table Turnips

Two pounds per acre in drills, 3 pounds broadcast. Turnips do best in highly enriched sandy or light loamy soil. Commence sowing the earliest varieties in January, in drills from 12 to 15 inches apart and thin out nearly 6 to 8 inches in the row. For last planting or main crop, sow in July and August.

EARLY SNOWBALL—A medium sized, early variety; pure white and of good flavor. Pkt. 5c; oz. 15c; $\frac{1}{2}$ lb. 40c; lb. 75c.

EARLY WHITE FLAT DUTCH—A most excellent early variety. Roots medium size, flat, color white; very early, sweet and tender. Pkt. 5c; oz. 15c; $\frac{1}{2}$ lb. 40c; lb. 75c.



Turnip, Purple Top White Globe

JAPANESE FOLIAGE TURNIP (Shogoin)—An excellent variety where "turnip greens" are desired. Leaves very large, thick, juicy and tender and are produced upright often 2 to 3 feet high. Bulbs globe shaped, snow white, solid, mild and tender. Not subject to disease like other varieties of foliage turnips. Also used by canners. Pkt. 5c; oz. 15c; $\frac{1}{2}$ lb. 40c; lb. 75c.

PURPLE TOP, STRAP-LEAVED—A very early strap-leaved variety having scant, erect, entire, stiff leaves. Roots are regular in shape, flat and medium-sized, purple-red above ground, white below. Flesh is white, fine grained and tender. Best when $2\frac{1}{2}$ inches in diameter. Pkt. 5c; oz. 15c; $\frac{1}{2}$ lb. 40c; lb. 75c.

PURPLE TOP WHITE GLOBE—As indicated by its name this variety is white under ground, purple above, flesh white, fine grained and tender; should be used when about 3 inches in diameter. Keeps well and good for market use. Pkt. 5c; oz. 15c; $\frac{1}{2}$ lb. 40c; lb. 75c.

SEVEN TOP—For greens. Pkt. 5c; oz. 15c; $\frac{1}{2}$ lb. 40c; lb. 75c.

WHITE EGG—Is nearly oval or egg-shape, as its name would indicate; flesh very firm and fine-grained; thin and perfectly smooth skin, and both flesh and skin are snow white. Pkt. 5c; oz. 15c; $\frac{1}{2}$ lb. 40c; lb. 75c.

YELLOW GLOBE GREEN TOP—A yellow-fleshed globe-shaped variety of medium to large size, smooth and of light yellow color with small green crown. Flesh is light yellow, fine-grained, and sweet. A fine keeper and heavy cropper. Pkt. 5c; oz. 15c; $\frac{1}{2}$ lb. 40c; lb. 75c.

FOR YOUR HERB GARDEN.

More and more are herbs becoming a familiar feature in home gardens. Not only are herbs one of the most interesting and unique plants . . . but they are practical as well, many of them providing the finest flavoring and garnishing for foods.

ANISE (*pimpinella anisum*)—An annual cultivated principally for its seeds which have a fragrant, agreeable odor and pleasant taste; used medicinally for aromatic cordials, and for relief of colic and nausea. Leaves are sometimes used for garnishing and flavoring. Pkt. 5c; oz. 20c.

BALM (*melissa officinalis*)—A perennial easily propagated by division of roots or from seed. Leaves have a fragrant odor similar to lemons and are used for making a pleasant tea for use in fevers; also for making a pleasant beverage called balm wine. Pkt. 5c; oz. 50c.

BORAGE—This annual plant is grown in the same manner as spinach. The leaves are fuzzy, oval in shape and 6 to 10 inches in length. It is used for the green filling in Ravioli, for which purpose it is considered superior to spinach, chard, etc. Pkt. 5c; oz. 25c; 2 oz. 40c.

CARAWAY (*carum carui*)—Annual. Cultivated for its seeds which are used in confectionery, cakes, etc. Leaves sometimes used in soups, for flavoring liquors, and for colic in children. Pkt. 5c; oz. 15c; 2 oz. 25c.

CHERVIL—Pkt. 5c; oz. 25c. (See page 13.)

CHIVES—Pkt. 5c; ¼ oz. 25c. (See page 13.)

CORIANDER (*coriandrum sativum*)—Annual. Cultivated for its seed which has an agreeable taste and is used in confectionery and to disguise the taste of medicine. Pkt. 5c; oz. 15c; oz. 25c.

DILL—An aromatic annual having a warm pungent taste, the seed of which is used for seasoning. Although possessing medicinal properties it is chiefly used for making dill pickles. Plant grows 2 to 3 feet high. Very easily grown. Pkt. 5c; oz. 15c; 2 oz. 25c.

FENNELL, Sweet—Pkt. 5c; oz. 25c; ¼ lb. 75c. (See page 22.)

HOREHOUND (*marrubium vulgare*) — Perennial. Aromatic odor and bitter, pungent taste. Used medicinally, especially in cough syrups. Pkt. 5c; oz. 50c; 2 oz. 85c.

HYSSOP (*hyssopus officinalis*)—Perennial. Aromatic odor and warm pungent taste. Used as a stimulant, expectorant and mild tonic. Pkt. 5c; oz. 75c.

LAVENDER—A hardy perennial growing about 2 feet high, very erect, with slender grayish green leaves and small violet-blue flowers. It furnishes a most delightful perfume when used for the distillation of lavender water or when dried and placed in with household linens, etc. It should be picked before it becomes dry and hard, and dried quickly. Pkt. 10c;



Rosemary

MARJORAM, Sweet (*origanum marjorana*)—Perennial. An aromatic herb for seasoning. The young tender tops and leaves are used green in summer to flavor broths, dressings, sauces, etc., and are also dried for winter use. Pkt. 5c; oz. 20c; 2 oz. 35c.

PEPPERMINT—Used for flavoring but chiefly for distillation of the valuable essence. Pkt. 25c.

ROSEMARY—A hardy perennial, with fragrant odor and a warm bitter taste. The leaves are used for flavoring meats and soups, and for medical drinks. Pkt. 5c; oz. 50c.

SAFFRON (*carthamus tinctorius*) — Annual. Cultivated for its flowers which are used principally for coloring, and sometimes for flavoring. Flowers should be picked when in full bloom. Pkt. 5c; oz. 50c.

SAGE—One of the most extensively used herbs for seasoning. Hardy perennial plant lasting for years when well established. Pkt. 10c; oz. 30c.

SAVORY, Summer (*satureia hortensis*) — Annual. Dried stems, leaves and flowers are used extensively for seasoning, especially in dressings and soups. Pkt. 5c; oz. 20c; 2 oz. 35c.

SWEET BASIL—Aromatic annual plant growing from 4 to 8 inches high. Leaves are used in seasoning to quite an extent by the Italians. Can be sown at intervals for a continuous supply. In summer should be sown in semi-shady place as it will not run to seed so quickly.

Large Leaved Green—Leaves dark green, very aromatic. Pkt. 5c; oz. 25c.

Lettuce Leaved—Leaves are much larger than the preceding but lighter green; flavoring qualities not as strong. Pkt. 10c; oz. 35c.

THYME (*thymus vulgaris*) — Perennial. Aromatic herb, used principally for seasoning. Leaves are sometimes used to make a tea for relieving headache. Pkt. 5c; oz. 50c.

WORMWOOD — Perennial. Plant of fragrant and spicy odor, but with intensely bitter taste. Leaves are used as a tonic, vermifuge and as a dressing for fresh bruises. Pkt. 5c; oz. 75c.

HERB PLANTS

Plants of Sage, Sweet Marjoram, Rosemary and Thyme, 50c each (postpaid).



Thyme



Sweet Marjoram



ALFALFA

WRITE FOR PRICES IN LARGE QUANTITIES

Chilian (Argentine Grown)

Because of the short crop of domestic alfalfa seed this year and the resultant high prices, imported alfalfa seed will be much in demand because of their much lower prices. One of the most popular importations is Chilean alfalfa seed from Argentina, which has proven its excellence for many years. We have imported a large quantity of this seed this year and can quote very attractive prices. Lb. 35c; 10 lbs. \$3. (Write for quantity prices.)

Hairy Peruvian

The hay from this variety is not quite as fine as that of Chilian. Lb. 40c; 10 lbs. \$3.50.

Chilian (or Common)

This is probably the most popular of all varieties. Yields very heavily and produces the finest hay. Has a long life and thrives splendidly wherever growing conditions are normal. Lb. 40c; 10 lbs. \$3.50. (Write for quantity prices.)

Grimm Alfalfa

The hardest strain of alfalfa. Extra hardy in cold or dry places. Not recommended for planting in the valley. Lb. 60c; 5 lbs. \$2.75; 10 lbs. \$5.25.

LADINO CLOVER

An Old World Pasturage That Shows the Way to New Profits!

F. Lagomarsino & Sons are proud of the distinction of having been among the first to introduce Ladino Clover, the perfect pasturage clover for milk cows, stock and poultry, to California a few years ago. An idea of its amazing success and widespread acceptance by growers is revealed by that fact that today in almost all sections of California and the West it is common to find acreages of from 50 to 1000 acres planted to Ladino Clover. In the Oakdale section alone there is approximately 15,000 acres in Ladino Clover.

Ladino Clover grows luxuriantly on heavy or adobe soils. The only requisite is that it be well irrigated. We have been importing Ladino Clover seed from Oregon and Idaho as well as from Italy for a number of years.



Note Luxuriant Growth of Ladino!

Our domestic Ladino is all certified. This is of importance for the reason that the seed of the regular white clover as well as several other varieties of Clover are the same in appearance as Ladino Clover. The ultimate production per acre of genuine Ladino Clover as against these several other varieties of clover however is so much greater that there is no comparison.

Postpaid to 4th Zone up to 10 lbs. 100 lbs. freight paid to your station.

Prices subject to change.

Write for prices on larger quantities.

Lago Brand Oregon Certified—1 to 5 lbs. @ \$1.00 lb.; 6 to 10 lbs. @ 90c lb; 25 lbs. @ 80c lb.; 50 lbs. @ 75c lb.; 100 lbs. @ 75c lb.

CLOVERS

Prices quoted on Clover Seed are postpaid to the fourth zone. Prices on Clovers fluctuate. If interested in quantities larger than quoted here write for our current market prices.

ALSIKE or SWEDISH CLOVER (*trifolium hybridum*)—A perfectly hardy perennial clover. Excellent for hay and pasture. The blossoms are also valuable for bees. Especially adapted for cool and cold climates. Sow 8 to 10 lbs. per acre. Lb. 50c; 10 lbs. \$4.50.

BOKHARA or SWEET CLOVER (*melilotus alba*)—(White Blossom)—In recent years this clover has become very popular as a soil renovator and is good also for cattle pasture and hay crop. Does well in Nevada. A very hardy grower, its extensive roots penetrating deep into the subsoil. It is a biennial, grows 3 to 5 feet and is covered with small white flowers of great fragrance, affording abundant feed for bees. Sow 10 to 12 pounds per acre. Cover seed lightly. Lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50.

BURR CLOVER (*medicago denticulata*)—A native clover and one of the best nitrogen gathering crops. Thrives on poorest soils. One of the best clovers for cover crop purposes. Lb. 25c; 10 lbs. \$2.00.

RED CLOVER (*trifolium pratense*)—This is the most important of all clovers, and the standard everywhere for hay and pasture. Hardy and succeeds well in any good soil. Makes superior hay, especially when mixed with timothy; either for dairy cows or general use. When planted alone, sow 12 to 15 pounds per acre. When planted with timothy, sow 8 to 10 pounds of clover to 2 to 5 pounds of timothy to the acre. Lb. 45c; 10 lbs. \$4.00.

MELILOTUS INDICA (Yellow Blossom Sour Clover)—Not recommended for forage or hay, but the most popular clover for cover crops in California. Makes a good winter growth and yields large tonnage of growth. Annual. Sow 12 to 15 pounds per acre. Lb. 20c; 10 lbs. \$1.50.

HUBAM CLOVER—Hubam is a rapid growing annual sweet clover attaining a height of 7 feet. It is valuable as a catch crop, for pasturage and as a hay crop. The flowers are rich in honey and on this account it is sown freely by bee keepers. Lb. 50c; 10 lbs. \$4.50.

STRAWBERRY CLOVER—This clover which comes from Australia has much promise in California, especially on low wet lands or marshy land and also "alkali lands". Produces abundantly and is excellent feed for stock. Two to 4 lbs. per acre. \$3.50 per lb. Write for quantity prices and information.

LESPEDeza KOREAN (*L. stipulacea*)—Adapted for very poor soils, especially sour soils. Compares with alfalfa in feed value. Little known on the Pacific Coast. Lb. 25c; 10 lb. \$2.00. Write for circular.

LESPEDeza JAPANESE (*L. sericea*)—45c lb. Write for quantity prices.

SULLA CLOVER—A perennial legume that gives much forage, especially on poor soils. Lb. \$1.50; 10 lbs. \$1.25 per lb.

FERTILIZE CLOVERS

Insue your clover crops by fertilizing. About 200 pounds at planting makes for a perfect stand, that would otherwise fail through adverse weather or soil conditions. When the stand is old it can be again renewed to old-time vigor by a top dressing of from 300 to 500 pounds to the acre. The cost is small. Don't take a chance. Write us for prices and methods of application.

GRASS SEEDS

Prices quoted are postpaid to fourth zone. Prices on Field Seeds fluctuate. Write for prices on quantities.

BLUE GRASS, Winter, or Poa Bulbosa—This is a recent introduction from Oregon where it is considered valuable as a winter pasture. Grows during the winter from October to the end of April. During the summer the grass dries up and remains dormant until the following fall when it revives again. Produces heavy sod and growth is 3 to 6 inches high. Lb. 50c; 10 lbs. \$4.50.

ALFILARIA (*erodium cicutarium*)—This plant, a native of the west, is one of the most nutritious of fodder plants and is well liked by cattle and horses. It thrives and makes good pasture on dry hillsides. Seed mats and must be hand-sown. Sow 20 pounds per acre. Lb. \$1.00. Write for quantity prices.

BROME GRASS (*bromus inermis*)—This grass, because of its strong perennial character and its unusual drought resisting powers, is the best grass for semi-arid regions (succeeds on our dry hillsides.) Grows luxuriantly, is freely eaten dry or green by cattle and yields from 2 to 6 tons to the acre. Sow 25 to 30 lbs. per acre. Lb. 40c; 10 lbs. \$3.50.



Sudan Grass

Every year finds more and more growers depending on Sudan Grass for Summer pasturage and hay. It is quick growing and an idea of its abundant growth is revealed in the illustration above. No other grass supplies so much Summer pasture and hay as does Sudan. We can supply you with this fine grass seed in any quantity. Samples gladly mailed on request. Lb. 20c; 10 lbs. \$1.50. Let us quote you prices on larger quantities.

Grass Seeds (Continued)

DALLAS GRASS (*paspalum dilatatum*)—A strong growing perennial grass with a deep, strong root system, growing in clumps or bunches 2 to 4 feet high. The leaves are numerous near the ground but few on the stems. It grows on the poor as well as on the rich soils, and it will not die out under conditions of drought, reviving quickly as soon as moisture becomes available. It is also adaptable for growth in swampy lands and supplies thick matted roots that will support cattle on soft ground. It is a vigorous grower and will take root and choke out weeds. It is one of the best winter pasture grasses for heavy, moist, black soils. It remains green all winter unless injured by severe frosts. Persistent grazing will not injure it. Produces an immense number of leaves which are renewed quickly. Sow 8 to 10 pounds per acre. Lb. 60c; 10 lbs. \$5.50.

HARDING GRASS (*phalaris stenoptera*)—This is a true and lasting perennial grass standing hard usage and tramping of stock. It will furnish an excellent feed for years but can be easily eradicated if desired. The growth is tender and sweet, splendid for cattle, pigs, and sheep and has a heavy butterfat content. Sown at the rate of 3 pounds per acre as soon as the ground can be worked in the spring has given good results. Oz. 15c; lb. \$1.50.

ITALIAN RYE GRASS (*lolium italicum*)—A quick growing grass, attaining a height of 2½ to 4 feet. Very desirable for temporary meadows or pastures. Thrives best on moist soils and will stand considerable overflow. Sown in the fall, will produce an excellent hay crop the following season, but lasts only one year. Bears an abundance of foliage that makes the best and sweetest hay imaginable. Lb. 25c; 10 lbs. \$2.00.

MEADOW FESCUE, or English Blue Grass (*festuca pratensis*)—A valuable grass for permanent pasture and for rather damp meadows for cutting. Makes a quick second growth, but does not do so well on dry soils. Sow 30 pounds per acre. Lb. 45c; 10 lbs. \$3.50.

MESQUITE (*holcus lanatus*)—Valuable on cleared redwood and pine lands of California and Oregon, giving large crops of hay and good pasturage. Usually sown on virgin soil without cultivation, after ground is burned over. Sow 15 pounds hulled seed per acre. Hulled seed, lb. 45c; 10 lbs. \$3.50.

ORCHARD GRASS, or Cocksfoot (*dactylis glomerata*)—One of the most valuable of all the cultivated grasses. Produces an immense quantity of forage, and hay of the best quality. When planted with Red Clover makes a fine hay. As a pasture grass is more productive than any other and does best under close feeding. It can be grown on almost any soil, in moist shady places, under trees, etc. Lb. 45c; 5 lbs. \$2.00; 10 lbs. \$3.50.

RED TOP, or Herd's Grass (*agrostis vulgaris*)—A good perennial grass generally sown for permanent pastures. Does best on moist or even marshy land. If the ground is not overflow land mix with meadow fescue, orchard grass or alsike clover. Sow 14 pounds hulled seed to the acre. Lb. 45c; 10 lbs. \$4.00.

RHODES GRASS (*chloris gayana*)—A strong growing perennial introduced from South Africa. The grass spreads by means of running branches 2 to 6 feet long, which root and produce a tuft at every node. Not troublesome as a weed as it is easily eradicated. Makes most excellent pasture, and hay of very fine quality, eagerly eaten by horses and cows. Does well on alkali soils. Does not winter over where temperature falls below 18 degrees. Sow 4 to 6 pounds per acre. Lb. 60c; 10 lbs. \$5.50.

TALL MEADOW OATS GRASS (*avena elatior*)—This deep-rooted perennial does well on rich as well as upland clay soils. Grows 5 to 6 feet tall and comes on early in the spring, remains green until late in the autumn. It stands pasturing well and furnishes an abundance of grazing. A mixture of it with Red Clover, Alsike Clover and Orchard Grass is often grown and is a good one, as all these plants mature at the same time. Sow 40 pounds per acre. Lb. 50c; 10 lbs. \$4.50.

TIMOTHY (*phleum pratense*)—Will stand extreme cold and yields very heavily. Often sown with Red Top and Red Clover. Not recommended for pasture as there is very little growth after cutting, and tramping of stock soon destroys it. Thrives best on loamy soils. Not adapted to dry soils. Lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.00.

MISCELLANEOUS FARM SEED

Prices quoted are postpaid to fourth zone. Prices on Field Seeds fluctuate. Write for prices on quantities.

BEANS, BELL WINDSOR (small seeded Horse Beans)—While the seed of this variety is much smaller than the regular Broad Windsor, or Fava Beans, their growth is ranker and they have a more stooling habit. For cover crop purposes they rank among the best as they give a very heavy tonnage of coarse green material which is desirable, especially in heavy or very light soils. Sow preferably in the fall, either drilled or broadcast. Forty pounds per acre drilled. Lb. 25c; 10 lbs. \$1.50.

BEANS, BROAD WINDSOR or FAVA—See page 8.

BEANS, SOY or SOJA—Valuable as a summer forage or green manure crop. Lb. 30c; 10 lbs. \$2.00. (Write for quantity prices.)

BUCKWHEAT, COMMON—Is earlier than the silver-hulled. Excellent for bee-pasture and valuable for a catch crop. Sow (after danger of frost) 36 pounds per acre in drills. Lb. 25c; 10 lbs. \$2.00.

COWPEAS, BRABHAM—Very similar to Whippoorwills but resistant to nematode. Lb. 25c; 10 lbs. \$2.00. (Write for quantity prices.)

COWPEAS, BLACK EYE—This is known as the black-eye bean in California and is grown extensively in the Sacramento and San Joaquin valleys. Lb. 15c; 10 lbs. \$1.25.

COWPEAS, WHIPPOORWILL—These are planted in the South for summer cover crops. Plant after danger of frost is over, preferably when the soil is thoroughly warmed. Lb. 30c; 10 lbs. \$2.50.

CORN, BROOM (Imported Dwarf Evergreen)—Extensively used for making brooms on account of its color and quality of brush. Grows 8 to 10 feet high. Sow 10 pounds per acre. Lb. 25c.

Misc. Farm Seeds (Continued)

CORN, EGYPTIAN—This also is one of the drought resisting non-saccharine crops. The grain is produced in large compact heads and the seed is flat and pure white. Used extensively as chicken feed. Culture same as Milo Maize. Lb. 20c; 10 lbs. \$1.75.

ESPARCETTE, or SAINFOIN (*onabrychis sativa*)—An excellent legume for growing on poor land and barren hills. When once established will last for years. Similar feeding value as alfalfa. Lb. 50c; 10 lbs. \$4.00.

MILLET, GERMAN (*panicum germanicum*) — Will grow on any good land and yields heavily when irrigated. Yields from 40 to 60 bushels of seed per acre, and is excellent food for stock and poultry. Also a good green fodder plant. Lb. 20c; 10 lbs. \$1.75.

MILLET, HOG or BROOMCORN—The seed is large for a millet and is a rich food. The name "hog millet" is used to emphasize the use for which it is intended. It is a valuable feed for hogs as well as for birds and poultry. Is better adapted for the production of grain than for pasture. Lb. 20c; 10 lbs. \$1.75.

MILO MAIZE, DOUBLE DWARF—This variety of red milo grows 2 to 2½ feet high and has been developed especially for convenience and economy in harvesting. It can be cut and harvested by machinery in the same manner as heading grain. Lb. 20c; 10 lbs. \$1.50.

PEAS, CANADIAN FIELD—Excellent for cover crop or for forage for cattle. They make a good growth when planted as late as January. Lb. 20c; 10 lbs. \$1.50.

PEAS, AUSTRIAN WINTER—Introduced by us in 1929, and destined to become one of our valuable forage and cover crop peas. Rank grower and hardy. A high producer of nitrogen when planted as a cover crop. Lb. 20c; 10 lbs. \$1.50.

RAPE, DWARF ESSEX—Excellent pasture for all stock, especially for hogs and sheep, and a fine green feed for chickens. Thrives on all soils and is ready for use in 6 to 8 weeks after sowing. Sow 8 to 10 pounds per acre broadcast. Lb. 20c; 10 lbs. \$1.75.

SORGHUM, EARLY AMBER — Furnishes a large quantity of most nutritive forage, which can be fed either green or cured, and will yield two or three cuttings a year, stooling out thicker each time it is cut. Grows 10 to 12 feet high. Sow broadcast at rate of 60 pounds per acre, or in drills at rate of 10 pounds per acre in rows 3½ to 4 inches apart. Matures early and can be planted later than others. Syrup can be made from this variety. Lb. 25c; 10 lbs. \$1.75.

SORGHUM, HONEY—This is grown for forage and silage. Grows 8 to 12 feet high and yields up to 27 tons per acre without irrigation. When crop is used for fodder or silage sow in rows 3 to 3½ feet apart, using up to 4 pounds per acre. Syrup can also be made from this variety. Matures in 150 days. Lb. 25c; 10 lbs. \$1.75.

VETCH, HAIRY, SAND or WINTER (*vicia villosa*)—Thrives on poor, arid, sandy soils, and makes a better growth during the cold season than the others. Lb. 25c; 10 lbs. \$2.00.

VETCH, PURPLE (*vicia atropurpurea*) — Preferred by many for cover crop purposes as it makes a rapid growth. Not affected by aphids as easily as others. Has a superior hay value. Lb. 20c; 10 lbs. \$1.50.

VETCH, COMMON (*vicia sativa*) — Also known as Oregon Vetch. A vine resembling peas and valuable for forage and green manure. As a hay crop it is generally sown with oats or wheat to afford support for the vines. Usually sown in the fall for cover crops and turned under in the spring. Lb. 20c; 10 lbs. \$1.35.

Stock Beets (Mangel Wurzel)

Valuable as stock feed, doing well in almost any soil type, deep loams, however, are necessary for the long rooted types. Plant early in the spring. Seed should be dropped 1 inch apart or rows 2½ feet apart. Cover with 1½ inches of soil and pat firmly. Thin plants to 10 inches when around 3 inches high.



GIANT (Sugar Rose Top)—The large roots are long, oval tapering, smooth and clear, growing half out of the ground. The skin is a rose-white with deep rose-colored shoulder. Flesh is white with high sugar content, making it high in food value. Pkt. 5c; oz. 10c; 1 lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.75.

GOLDEN TANKARD—The root is quite large and of an almost cylindrical shape, narrowing abruptly at both ends. The skin is deep orange-red and the flesh is zoned with yellow and white and is very nutritious. Pkt. 5c; oz. 10c; 1 lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.75.

LONG RED—This is the largest of all the Mangels. The root is 15 to 18 inches long, over 6 inches thick, and with a heavy shoulder. It grows one-half above ground and is easily pulled. Pkt. 5c; oz. 10c; 1 lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.75.

RED ECKENDORF—Roots are very large, thick, cylindrical, slightly compressed at mid-section and blunt. A good portion of the root grows out of the ground, this portion being red, with portion below the surface

rose-colored. One of the finest stock beets and recommended for planting on a large scale. Pkt. 5c; oz. 10c; 1 lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.75.

Sugar Beet

KLEIN WANZEBEN—This variety is most desirable and most widely used for sugar manufacture. It is also very fine for stock feeding, being high in sugar content, the roots are long with thick shoulders, tapered, skin grey-white, and flesh of solid white color. Pkt. 5c; oz. 10c; 1 lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.75.

Field Corn

Field corn is largely grown and used for feed purposes. It is the most outstanding silage crop and furnishes an abundance of the proper nutrients for stock growth. These varieties are also largely used for poultry feed as dry grain in cracked form.

KING PHILLIP—A hard yellow flint corn and is generally referred to as a 90-day corn. It is drought resistant and will give a good yield where most corns are a failure. The best variety for general purposes. Lb. 25c; 10 lbs. \$1.50.

RIED'S YELLOW DENT—A very popular yellow dent corn for seed and silage. Lb. 25c; 10 lbs. \$1.50.

HICKORY KING—This corn is entirely distinct from all other varieties, having the largest grain with the smallest cob. Very productive white dent variety maturing in 110 days. Lb. 25c; 10 lbs. \$2.00.

NOTE: Prices listed are postpaid to 4th postal zone. For larger quantities please write for special quotations.

GLADIOLUS

Few summer flowering bulbous plants have enjoyed such consistent increasing interest and well deserved favor as have these late flowering Gladiolus. They are unequalled garden and cut flower subjects in view of the wealth of gorgeous blooms they produce. Gladiolus will do well in almost any good soil except a stiff clay. Plant bulbs 6-9 inches apart and cover twice the depth of the bulb, generally 4 inches deep for the largest and about 2 inches deep for the smaller bulbs. Make the first early planting of the smallest bulbs in the spring, as soon as the ground is sufficiently dry and warm. If successive plantings are made every two weeks, flowers may be had from early summer until frost. The plants should be watered freely, particularly when the buds begin to show color, as steady, vigorous growth is essential in obtaining the choicest blossoms.

We supply only first-class No. 1 bulbs.

Note page 51 for color illustrations and Special Collection.

New and Outstanding Varieties

STAR OF BETHLEHEM—(Pfitzer) Color snow white with tinge of cream on lower petals and the enormous florets, opening 6 to 8 at a time, are well placed of beautiful form and carried on very long stems. 20c each; 3 for 50c.

JOHANN S. BACH—(Pfitzer) Exhibition type. Color orange salmon with white median lines on each petal. Builds a tremendous spikes with up to 10 open. 30c each.

GATE OF HEAVEN—(Pfitzer) The richest and deepest large flowered yellow yet produced. Florets beautifully ruffled. Each 10c; 3 for 25c.

ROSEMARIE PFITZER—Color very light pink with creamy hue. Forms an extra large spike up to 12 open florets perfectly arranged. Each 15c; 3 for 35c.

MOORISH KING—(Pfitzer) Dark mahogany maroon with velvet sheen. Substance of petals almost like leather. Each 15c; 3 for 35c.

WURTEMBERGIA—(Pfitzer) Color a beautiful scarlet with large soft cream throat blotch. A fine exhibition variety. Each 10c; 3 for 25c.

WASAGA—(Palmer) Clear apricot buff. One of the most beautiful colors to be found. Strong grower. Each 10c; 3 for 25c.

SPECIAL—1 each of the above 9 exhibition glads for \$1.50; a \$2.00 value.

ORANGE AND YELLOW

GATE OF HEAVEN—New rich deep ruffled yellow. Each 15c; 3 for 35c.

LA PALOMA—Finest vivid orange. Flowers of heavy texture carried on extra long wiry spikes. 5c each; 50c per doz.

GOLD EAGLE—A pure deep yellow which is one of the first to bloom. Each 5c; 50c per doz.

DOROTHY DELL—A new early light orange, the largest in this color. Each 10c; \$1.00 per doz.



Moorish King

WHITE

STAR OF BETHLEHEM—The largest and finest pure white ever introduced. Each 20c; 3 for 50c.

MRS. F. C. HORNBERGER—Splendid giant white. Each 5c; 50c per doz.

MRS. ANNA PFITZER—A huge spike of creamy white florets perfectly placed makes this glad one of the finest for exhibition. Each 10c; \$1.00 per doz.

MAID OF ORLEANS—(Pfitzer) Milk white flower with a distinctive light cream shade in throat. Tall and graceful. The best cut flower of the popular priced whites. Each 10c; 3 for 25c.

ALBATROSS—Very fine pure white with large lily-like flowers on a spike that reaches 5 ft. in height. Each 6c; 60c per doz.

BLUE-PURPLE

PELEGRINA—Pure dark violet blue variety, a sensation because of its color. Each 8c; 75c per doz.

LIBELLE—(Pfitzer) Color a delightful heliotrope shade and quite the finest in the blue class. Called by the originator an improved Mrs. Konynenburg. Each 10c; 3 for 25c.

TROUBADOUR—(Pfitzer) A striking deep violet with long straight spike of 10-12 open flowers. A very clear attractive color. Each 7c; 70c per doz.

Gladiolus (Continued)*Wm. Cuthbertson***APRICOT-SALMON**

APRICOT GLOW—Tall clear apricot. A very robust grower. Each 5c; 50c doz.

BETTY NUTHALL—Giant coral pink with pale orange throat. One of the most popular glads. A fine cut flower but late blooming. 5c each; 50c per doz.

GLORIANA—Clear salmon blending with pure yellow throat. For fine color this glad is unbeatable. An excellent cut flower. Each 5c; 50c per doz.

WASAGA—Clear golden buff. Spikes are extra long. Each 8c; 75c per doz.

LAVENDER

AMBROSIA—(Kunderd) A delightful shade of deep rose lavender with large yellow throat blotch. Extra long willowy spikes, fine for cutting. Each 10c.

MINUET—A clear lavender pink of excellent quality. Each 8c; 75c per doz.

BERTY SNOW—Lavender with soft cream throat. Florets perfectly placed on a long spike. Fine for exhibition. Each 6c; 60c per doz.

MOTHER MACHREE—A smoky lavender with tints of gold. A most unusual and attractive blending of color. Makes a grand spike. Each 6c; 60c per doz.

EIGHTH WONDER—(Kunderd) Massive old rose. One of the most distinctive glads in existence. A very strong grower. Late blooming. Each 6c; 60c doz.

ROSE AND PINK

PICARDY—Clear apricot pink. The most talked about glad in the world today. Each 6c; 60c per doz.

MRS. P. W. SISSON—Pure cameo pink, perhaps the finest colored variety in this class. Each 5c; 50c per doz.

ROSEMARIE PFITZER—Light pink suffused with cream. A perfectly formed spike with flowers of fine lasting substance. Unexcelled for exhibition. Each 15c; 3 for 35c.

BLEEDING HEART—Pale pink with large red blotch. Makes an extra long spike of bloom that is fine for cutting. Each 6c; 60c per doz.

MR. WM. CUTHBERTSON—Color a rich cherry pink with a large white center. Florets are heavily ruffled. Makes a fine spike with perfectly placed blooms. Each 7c; 70c per doz.

GIANT NYMPH—A very reliable salmon pink. Fine for cutting. Each 5c; 50c doz.

LOS ANGELES—The CUT AND COME AGAIN GLAD—so named because of the habit it has of sending up so many spikes and side shoots. Color shrimp pink, red feather. Very vigorous plant. Each 5c; 50c doz.

SCARLET AND RED

MOORISH KING—Deep mahogany maroon of leather-like texture. Each 15c; 3 for 35c.

DR. BENNETT—The most popular red. A fiery scarlet color. Each 6c; 60c per doz.

COMMANDER KOEHL—Color a dark scarlet red. Fine spike. Each 8c; 80c per doz.

JOHANN S. BACH—Salmon red with white median lines. One of the finest of the newer introductions. Excellent for exhibition. Each 30c.

WURTEMBERGIA—Brilliant scarlet with soft cream blotch. Late blooming. Each 10c; 3 for 25c.

HINEMOA—The famous novelty Gladiolus. Deep rose flaked with chocolate with a deep yellow blotch. Immense spikes of giant flowers. Each 8c; 75c per doz.

RAINBOW MIXTURE

A collection of beautiful Gladiolus appearing in a wide range of beautiful colors. 35c doz.; \$2.50 per 100; \$20.00 per 1000.

SPECIAL COLLECTION ON PAGE 51

Red Lory	Pfitzer's Triumph
Mrs. F. E. Hornberger	Commander Koehl
W. H. Phipps	La Paloma
Mrs. Leon Douglas	Pelegrina
Bleeding Heart	Picardy

1 bulb	each	(10 bulbs)	\$.50
5 bulbs	each	(50 bulbs)	2.00
10 bulbs	each	(100 bulbs)	3.50

LAGOMARSINO SELECT MIXTURE—Made up from the best named sorts. 50c doz; \$3.50 per 100.



Dahlia, Ellinor Vandever

DAHLIAS

Large Type Dahlias

ALICE WHITTIER—(SC) Giant heavy primrose sulphur yellow flowers on stiff erect stems. 50c each.

BOB PLEUSE—(SC) Very large deep wine maroon, tipped and marked with white. 50c each.

CANARY CUP—(FD) Large brilliant yellow, a wonderful cut flower. 50c each.

CHAMPOEG—(FD) Immense blooms of a lovely waxy cream pink, blending to bright salmon pink. Very striking. A prize winner. 50c each.

CHAS. G. REED—(FD) Plum with maroon shadings. Very large blooms. Slightly wavy petals. 50c each.

ELINOR VANDERVEER — (FD) Beautiful satiny orchid pink. Long strong stems. 35c each.

GOLDEN WEST—(SC) Deep rich yellow overlaid with orange. Fine stems, good cut flower. 35c each.

IDA PERKINS—(FD) Beautiful heavy white blossoms with cream center. 50c each.

JANE COWL—(ID) Massive blooms of bronzy buff and old gold. 35c each.

JERSEY BEAUTY—(FD) An old variety but the best true pink formal decorative. Free bloomer and a splendid cut flower. 35c each.

MARGARET W. WILSON—(FD) Large exhibition type. Pink with creamy white face. 50c each.

MARMION—(ID) Gigantic full flower, golden yellow, tinted bronze on fine stems. 50c each.

MONMOUTH CHAMPION—(FD) Bright orange scarlet flowers of great size. Free bloomer, vigorous plants. One of the best newer varieties. 50c each.

MRS. A. B. SEAL—(FD) Very large flowers of great depth. Old rose of one tone. 50c each.

MRS. CARL SALBACH—(FD) Light mauve pink over white. 35c each.

MRS. ETHEL SMITH—(SC) Beautiful creamy white. 50c each.

MRS. WARREN DEE MILLAR—(FD) Lovely white flowers, lightly shaded with flesh pink. 50c each.

NANCY ROBINSON—(ID) Exquisite true pink blooms of dainty, curling petals, held erect on strong slender stems, perfect cut flower. 50c each.

NATHAN HALE—(FD) Rich autumn bronze. One of the best cut flowers. 50c each.

ORIENTAL BEAUTY—(SC) Clear brilliant rose pink, very tall plants. 75c each.

ROUGE BOUQUET—(C) Blending shades of scarlet and gold, with overtones of violet. \$1.00 each.

SAGAMORE BEAUTY—(FD) Beautifully blended shades of pink, cream and rosy peach. Rather short bush loaded with blooms. 50c each.

SALBACH'S WHITE—(FD) A full deep white decorative of perfect form. 50c each.

THOMAS EDISON—(FD) Gorgeous royal purple. The best of this color we have to offer. 50c each.

TOMMY ATKINS—(FD) Lustrous flaming scarlet on good stems. 50c each.

SPECIAL COLLECTION OF LARGE DAHLIAS
Ten Dahlias from this list, **OUR SELECTION**, \$4.00.
All different and all labeled correctly.



Single Frilled Tuberous-Rooted Begonia

Tuberous-Rooted Begonias

These are among our most beautiful summer-flowering plants. They are particularly useful for bedding in semi-shaded places, for planting in window or porch boxes, and are equally valuable as house plants. Flowers often measure 4 to 6 inches across and range in color from the purest white and the most delicate tints of pink, yellow, and orange to the most intense scarlet and richest crimson.

SINGLE — Blood-red, burnt orange, pink, apricot, white, yellow.

SINGLE, FRILLED—Crimson, orange, pink, salmon, white, yellow.

DOUBLE — Blood-red, apricot, white, yellow, pink, orange.

GIANT FIMBRIATA or CARNATION TYPE—Copper, orange, white, yellow, rose, crimson, mixed.

\$10.00 per 100; larger bulbs, 20c each, \$2.00 per doz., \$15.00 per 100.

TRAILING DOUBLE BEGONIAS — These are especially attractive for hanging basket and pots. Rose, yellow, or orange. 20c each, \$2.00 per doz.

Flower Seeds of Proven Merit

Really fine flowers can be produced only from the very choicest, true-to-name parent plants. LAGOMARSINO'S FLOWER SEEDS have been selected from the very finest strains available to insure your complete satisfaction for every gardening need.

Abronia . Sand Verbena

UMBELLATA ROSEA—A quick growing, half hardy, trailing annual bearing beautiful fragrant Verbena-like clusters of pink flowers. Excellent for growing in baskets, rock-work, doing well on poor soil, and thriving in sunny locations. Pkt. 10c; ¼ oz. 30c; ½ oz. 50c.

Abutilon . Flowering Maple

HYBRIDUM MIXED—This half hardy perennial grows 3 to 4 feet high, bearing beautiful bell-shaped flowers in shades of white, yellow, rose, orange, and crimson. The Maple-like leaves are very ornamental and are often beautifully variegated. Pkt. 25c; 1/16 oz. \$1.00.

Aconitum . Monkshood

NAPELLUS BLUE—A 3 to 5 foot hardy perennial producing bold spikes of blue hood-shaped flowers. Seeds are slow in germinating. Plants are well adapted for planting among shrubbery, in borders, or in shady corners. Pkt. 15c.

Achillea . Milfoil, or Yarrow

PTARMICA "THE PEARL"—One of the best white hardy perennials; bears a profusion of small, double, white flowers during the entire season. Easily grown from seed; fine for cutting and cemetery decoration. Useful for borders, wild gardens or shrubbery. Height 2 to 2½ feet. Pkt. 15c; 1/16 oz. 40c.

KELWAYI ROSEA—Carmine rose, 2 feet. Pkt. 10c.

Acroclinium . Everlasting

These double-daisy-like flowers are about 1 inch in diameter, and are borne singly on 15 inch stems. If cut when in the bud, they may be dried and used in winter bouquets. Their dainty white and rosy-pink flowers are very attractive when grown in a mixed border or bed.

SINGLE—Rose, White, Mixed. Pkt. 10c; ½ oz. 25c.

DOUBLE—Rose, White, Mixed. Pkt. 10c; ½ oz. 30c.

Adonis

AESTIVALIS (Floss Adonis)—This pleasing hardy annual, with feathery dark green foliage, grows about one foot high and produces dainty little cup-shaped flowers of deep crimson with dark centers. Pkt. 10c.



Sweet Alyssum

African Daisy . See Dimorphotheca



Ageratum Dwarf Compactum Blue Cap

Ageratum . Floss Flower

Excellent dwarf hardy annual, fine for bedding, giving a mass of bloom all summer long. Grows easily from seed. Sow early in boxes, then transplant in rows four to six inches apart.

BLUE CAP—Surpassing all others in dwarfness and compactness of habit. Large, rich deep blue flowers. Pkt. 15c; ⅛ oz. 50c.

BLUE BALL—Compact round plants 6 to 8 inches tall, bearing many small fuzzy deep blue flowers in great profusion. Pkt. 15c; ⅛ oz. 30c; ¼ oz. 50c.

BLUE PERFECTION—Semi-dwarf medium blue large flowers. Pkt. 10c; ¼ oz. 30c.

IMPERIAL DWARF WHITE—Compact, 8-10 inches tall, with lovely white flowers. Pkt. 10c; ¼ oz. 25c.

MIXED—Various types and shades of blue and white. Pkt. 10c; ¼ oz. 25c.

Alyssum

A popular favorite, this free blooming annual grows quickly, beginning to bloom early in the spring, continuing for a long time. Excellent for beds, edgings, pots, or boxes. These sweet scented flowers are indispensable for your garden, requiring a minimum of care and attention.

MARITIMUM—Sweet honey fragrance, velvety flowers, height 10 inches. Pkt. 10c; ½ oz. 20c.

COMPACTUM ERECTUM LITTLE GEM—Compact and upright habit, 4 inches high, having a mass of neat pure white flowers. Pkt. 10c; ¼ oz. 20c.

COMPACTUM LILAC QUEEN—Improved deep lilac. 6 inches. Pkt. 10c; ¼ oz. 35c.

PROCUMBENS, CARPET OF SNOW—Dwarf spreading habit, hardly 4 inches high, but spreading considerably, adhering close to soil, forming neat compact mass of lovely white flowers. Pkt. 10c; ¼ oz. 30c; 1 oz. 85c.

SEXATILE COMPACTUM (Gold Dust)—Golden yellow perennial. Height 12 inches. Pkt. 10c; ¼ oz. 40c.

Agrostemma

These showy border plants grow 18 inches tall, and are very hardy. The blossoms are shaped similar to single pinks, and serve well as cut flowers with their downy silvery-gray foliage.

CORONARIA ATROSANGUINEA—Dark blood red. Pkt. 10c; ¼ oz. 25c.

Amaranthus

These hardy annuals are grown for their brilliant foliage and curious racemes of flowers. All are useful in borders of tall plants or for background purposes, doing well in sunny positions and in ordinary soil. Give ample spacing in order to display their full beauty.

CLAUDATUS (Love Lies Bleeding)—These robust plants grow 3 to 4 feet high, producing parrot green foliage with drooping blood red flower racemes. Pkt. 10c; ¼ oz. 25c.

MOLTEN FIRE—The top leaves are a fiery crimson, and the lower ones deep maroon, reminding one of a Poinsettia. Pkt. 15c; ⅛ oz. 45c.

SUNRISE—Foliage is bronzy crimson, each branch being terminated with a tuft of scarlet-carmine leaves. Pkt. 10c.

TRICOLOR SPLENDENS (Joseph's Coat)—A striking plant growing 3 to 4 feet tall, having leaf whorls of brilliant scarlet, green, and golden yellow colored leaves. Pkt. 10c; ¼ oz. 35c.

Ampelopsis

VEITCHI (Boston Ivy)—Hardy perennial climber with olive green leaves, which turn scarlet in the fall. The best and most popular climber for covering brick or stone walls. Pkt. 10c; oz. 50c.

Anchusa

Often spoken of as Summer Forget-Me-Not. Both the annual and perennial plants produce graceful sprays with clusters of attractive flowers resembling the Forget-Me-Not in both form and color. The foliage and stems are hirsute, furnishing an attractive grayish-green background for the bright flowers which bloom from early spring through to late fall.

BLUE BIRD—Rich deep indigo blue. Compact, growing 20 to 24 inches high. Received special mention at the All-America Selections in 1935. Pkt. 15c; ¼ oz. 30c.

CAPENSIS—Beautiful, large, clear blue flowers. Height 2 feet. Pkt. 10c; ¼ oz. 25c.

ITALICA, Dropmore Variety—Hardy perennial, 4 feet, with an abundance of sparkling gentian-blue flowers. Thrives best in partial shade. Pkt. 10c; ¼ oz. 40c.

Anemone . Windflower

This attractive perennial produces large delicate cup-shaped flowers with velvet tufted centers borne on strong stems. Excellent for cutting and bedding display.

ST. BRIGID—Choice semi-double mixed flowers in a wonderful array of striking colors. Pkt. 25c; ⅛ oz. 60c.

CAEN HYBRIDS—These giant French single flowers appear in shades of blue, red and white. Pkt. 15c; ⅛ oz. 75c.

Armeria . Thrift or Sea Pink

FORMOSA—A very pretty, hardy perennial edging plant, bearing rosy-pink flowers; 9 inches. Pkt. 10c.



Antirrhinum, Franklin D. Roosevelt

Rustproof Antirrhinum . Snapdragon

Since rust proof varieties have been developed these popular garden flowers are fast winning back their high favor. Seed may well be sown in both the spring and fall. Plants bloom the first season from seed, and unless killed by frost will live through the winters and produce one or more years harvest of gorgeous blossoms. Those listed here are all splendid garden varieties.

MAXIMUM GRANDIFLORUM—These super giants grow 2½ to 3 feet tall bearing heavy spikes of many large individual flowers.

Belle of California—Tall vigorous strain producing delicate pink flowers with white throats. Pkt. 10c; 1/16 oz. 65c.

California Supreme—An excellent vigorous plant with canary yellow blossoms, having a deep yellow lip. Pkt. 10c; 1/16 oz. 65c.

Hybrid Bronze Shades—Many novel and interesting shades of bronze are found in this delightful strain. Pkt. 10c; 1/16 oz. 65c.

Crimson—Splendid large crimson flowers are borne on heavy spikes and are beautifully contrasted by the plum colored stems and rich dark green foliage. Pkt. 10c; 1/16 oz. 65c.

Maximum Mixture—Splendid blend of art shades together with many of the choice deeper colors. Pkt. 10c; 1/16 oz. 65c; ⅛ oz. \$1.00.

(Rustproof Antirrhinums continued on page 47.)

Fifty-two Best ROSES

for
Western
Gardens
in 1938



ROME GLORY
(Patent applied for)
\$2.00 each



RONSARD
(Patent applied for)
\$1.50 each

GLOAMING
(Plant Patent No. 137)
\$1.25 each



BEARMOR—*The Modern Plant Food for Roses!*

Roses require a balanced plant food. Bearmor supplies all the necessary elements to attain perfection.

10 lbs. 70c

25 lbs. \$1.40

100 lbs. \$3.75



President Hoover



Mrs. P. S. duPont



Mrs. Sam McGredy

STANDARD BUSH ROSES

•
Two Year Old
Field Grown

•
60c each

3 for \$1.50

Postpaid



Etoile de Hollande

BICOLOR

AUTUMN. (H. T.) A distinct color of intense richness. This rose incorporates shades of burnt orange suffused with russet-brown and bronzy red all overlaid on a background of rich yellow. A color combination reminiscent of the most glorious autumnal foliage.

MME. NICOLAS AUSSEL. A distinctly decorative rose. Very large and double flowers of salmon, shaded carmine and ochre, tinted yellow. Very fragrant. Strong plants and long stems.

PRES. H. HOOVER. (H. T.) A wonderful multi-colored rose, charmingly combining many shades of cerise-pink, flame, scarlet, and yellow. The buds, borne upright on strong stems, are long and pointed, and possessing a most exquisite fragrance.

RAPTURE. (H. T.) Pointed buds which open to large well shaped flowers of deep salmon suffused with bright gold. Fragrant. Strong grower. A fine cut flower variety.

TALISMAN. (H. T.) A vividly colored rose of an unusual combination of gold, apricot, pink and carmine in mingled splashes, streaks and blends. Flowers fairly double, borne on long stems.

PINK

BETTY UPRICHARD. (H. T.) A free blooming, tall growing plant, producing quantities of semi-double flowers of which the inner surface of the petals is a delicate salmon-pink and the outside a deep and glowing coppery carmine suffused orange.

BRIARCLIFF. (H. T.) An improved Columbia. Long pointed buds and large, high centered flowers of excellent form. Color a deep rose pink shading to a lighter tone on outer petals. Fragrant. One of the finest garden roses for cutting. Stems long, stiff and nearly thornless.

DAME EDITH HELEN. (H. T.) This variety has wonderful pointed buds which open very slowly to large, full, perfectly formed blooms which hold their color with age and are carried on rigid, erect stems. The color is an even shade of pure, glowing rose-pink.

DIRECTOR RUBIO. (H. T.) Flowers have large thick petals interspersed with short curled ones which give them a peony-like form. Buds are dark carmine opening to a warm, rich pink. Strong stems.

LOS ANGELES. (H. T.) An ideal American garden rose; one of the finest varieties ever introduced. The long stemmed fragrant flowers are of a brilliant flame-pink shading to coral and gold at the base of the petals. Ideal for cutting. Buds long and pointed.

RADIANCE. (H. T.) Buds are a brilliant rose-pink opening to lovely silvery-pink flowers suffused deeper pink. Deliciously fragrant. Long stems. Exceedingly vigorous, hardy, and disease resistant under all conditions of soil and climate.

WHITE

FRAU KARL DRUSCHKI. (H. P.) The most popular everblooming white rose. Outer petals of immense buds occasionally tinged with pink; open blooms pure snow-white, large and moderately full.

MME. JULES BOUCHE. (H. T.) Nicely formed white buds which open to medium sized flowers showing a slight blush in the center as the bloom opens. An old but popular variety. Fragrant.

TWELVE SELECTED

BLAZE. (L. C.) Plant Patent No. 10. Acclaimed by the nation as the only hardy everblooming scarlet climber. Blaze combines the vigor, beauty and hardiness of Paul's Scarlet Climber with the everblooming qualities of a favorite everblooming rose. Propagated from blooming wood. **\$1.00 each.**

COUNTESS VANDAL. (H. T.) Plant Patent No. 38. The Rose of Roses! "Countess" has been enthusiastically received by rose-lovers everywhere. Its long-pointed bud, distinctive shadings of coppery bronze, suffused with soft gold, and its form are a continuous "movie", developing new beauty at all times during its long life. A leading seller among Hybrid Tea Roses. **\$1.00 each.**

ECLIPSE. (H. T.) Plant Patent No. 172. The international sensation of the year, awarded prizes in Rome, Paris, and other test-gardens. Its long, stream-lined bud, enhanced by ornamental sepals, is of rich gold without shading. Petals are large and tough, but not numerous, averaging 20 to 25, with more in the autumn. The name "Eclipse" came about because the seedling bloomed for the first time on the day of the total eclipse, August 1932. **\$1.50 each.**

GLOAMING. (H. T.) Plant Patent No. 137. A cut-flower variety which has proved a "winner" wherever grown. Its large buds, carried on long, rigid stems, are amply clothed with handsome foliage. The bloom is of unusual coloring—fawn-orange in the bud, and the large, full blooms are of a peculiar pink overlaid with salmon. The plant is vigorous and branching. **\$1.25 each.**

JEAN COTE. (H. T.) Large, ovoid bud, of deep brownish orange; mammoth bloom, full to the center but the petals are not crammed. The color is a solid orange, almost brown. Flowers come singly and continuously on good stems but not broomstick-like and the blooms wave gracefully with the breeze. Fruity fragrance. The plant is of medium height and branching; a group planting literally blankets the ground. Large, glossy foliage. A novelty of high standing, greatly admired. **\$2.00 each.**

MARY HART. Plant Patent No. 8. A striking red sport of Talisman. The bud is maroon-red, opening to well-formed blooms of deep

COPPER AND ORANGE

DUCHESS OF ATHOL. (H. T.) One of the most outstanding of the newer varieties. The full, double flowers on their heavy stems are a very rich shade of golden bronze flushed orange and old-rose, reminding one of a beautifully ripened peach. Exceedingly vigorous.

HEINRICH WENDLAND. (H. T.) Large, very double flowers of reddish copper, with an orange flush over all, the backs of the petals being a rich orange. Flowers come singly on strong stems with shiny, leathery foliage. Of rich syrupy fragrance.

MARGARET MCGREDY. (H. T.) Double, cup-shaped flowers of orange scarlet which turn to a peculiar shade of carmine rose. A marvelous color. Vigorous grower and continuous bloomer. One of the most reliable roses.

MME. EDOUARD HERRIOT. (H. T.) The Daily Mail Rose. The buds, which are long and pointed, are coral-red shaded yellow at base. The open flowers of medium size and semi-double are beautiful coral-red shaded with yellow and bright rosy scarlet.

MRS. SAM MCGREDY. (H. T.) For elegant, shapely buds, this beautiful rose cannot be surpassed. Large, long pointed buds are produced singly on strong, slender stems. The color is a glowing combination of red, copper and orange, changing to warm pink suffused with gold as the flower ages. Vigorous, healthy plant.

YELLOW

GOLDEN DAWN. (H. T.) An Australian rose of vigorous growth and continuous bloomer. The oval buds are rich straw-yellow, flushed old-rose, opening into splendid double, sweetly scented flowers of sunflower-yellow. Blooms are borne erect on strong stems.

GOLDEN EMBLEM. (H. T.) The long golden yellow buds are tinted with crimson on the outer petals and open to large, full golden



Talisman



Betty Uprichard



E. G. Hill

PATENTED ROSES

velvety blood-red with an overflow of amber. Unlike most red roses, Mary Hart does not wilt or dry out when cut but opens perfectly. **\$1.00 each.**

MATADOR. (H. T.) Plant Patent No. 170. In the European shows it was hailed as a great red rose, and our tests have confirmed the opinion. Large, full, well-formed, scarlet-crimson blooms with darker silky sheen on the reverse; very fragrant. **\$1.25 each.**

ROME GLORY. Plant Patent applied for. A cross of Dame Edith Helen and Sensation. This rose was bred with the idea of raising a red Dame Edith Helen and the objective has been reached. A most robust and vigorous plant, much more winter-hardy than most Hybrid Teas, producing in quick succession long stems bearing large, crimson-red buds opening into full, well-formed, fragrant, cerise-red blooms. **\$2.00 each.**

RONARD. Plant Patent applied for. A new type of bedding rose of the most astonishing coloring. The bud is yellow, but gradually the edges of the petals curl back and show deep scarlet-red inside, thus creating a flamboyant color contrast which persists to the end. The blooms are medium size, and produced in great quantities throughout the season without interruption. **\$1.50 each.**

SIGNORA. Plant Patent No. 201. This rose from the land of sunshine and Chianti wine is a real masterpiece in both plant and bloom. Long bud of a warm burnt sienna, opening to a lighter hue toward mandarine. The plant is tall-growing with every bloom on a long stem. Foliage is handsome. **\$1.50 each.**

TEXAS CENTENNIAL. Plant Patent No. 162. A sport of President Herbert Hoover with all its wonderful plant qualities. Color is blood-red, toning to cerise-red in center. Most striking new red of unusual color. **\$1.00 each.**

YOSEMITE. (H. T.) Plant Patent No. 109. Vigorous, bushy plant of continuous blooming habit. Buds orange-scarlet, in clusters, opening to medium-large, semi-double, orange-scarlet blooms with a suffusion of carmine on the reverse. **\$1.00 each.**

yellow flowers of perfect shape. A perpetual bloomer. Of free and branching habit with glossy green foliage.

JOANNA HILL. (H. T.) The exquisitely formed long buds are orange-yellow, extremely fragrant and the colors while not brilliant are dainty and lovely. The open blooms are somewhat lighter. The texture of the petals is not injured by the weather.

MRS. E. P. THOM. (H. T.) A most valuable yellow rose for the garden. Color is a clear, canary-yellow. Fine long buds open into fairly large, perfectly shaped flowers, on good stems. The plant is of exceptional vigor and blooms very freely.

MRS. P. S. DUPONT. (H. T.) The ace of the golden yellow everblooming roses. Winner of more gold medals for outdoor blooms than any other rose ever grown. Buds are small but exquisitely formed and of a reddish gold, opening into beautiful yellow flowers.

RED

E. G. HILL. (H. T.) This is the most unfading of all red roses. Immense, double flowers of dazzling scarlet shading to a deeper red as they develop; are deliciously fragrant and long lasting when cut. Blooms are produced singly on long vigorous stems.

ETOILE DE HOLLANDE. (H. T.) The finest dark red rose for general purposes. Ranked among the first three of its color by everyone who knows roses. The beautiful, oval buds are perfect, of medium size, and open into magnificent brilliant red blooms.

GRENOBLE. (H. T.) A majestic new rose of glowing scarlet-red. The lovely buds on long stems, are crimson but the open flower is brilliant red, almost scarlet, and a bed of Grenoble stands out like fire. Fully double and large. Tall growing and very vigorous.

HADLEY. (H. T.) An old favorite which everybody knows. Flowers rich crimson with velvety texture, of good shape, size, and substance. Very sweet scented. Long stems and mildew proof foliage.



Golden Dawn

Four Outstanding NEW ROSES

•
Two Year Old
Field Grown

•
75c each
3 for \$2.00

Postpaid

CONDESSA DE SASTAGO. (H. T.) You will admire the brilliant colors of this new double rose from sunny Spain. The bud is like a ball of gold with red stripes. Fully open it is fiery copper and rich gold. It likes heat, doing its best in midsummer.

CONQUEROR. A good bedding rose. Semi-double flowers of saffron yellow, reverse flushed with orange. Changes to pale yellow as flower ages. Vigorous plants.

HINRICH GAEDE. (H. T.) Without doubt the best rose introduced in the past four years. The color is rosy copper, also described as crimson on orange background or copper orange, which tones hold until the last petal drops. The buds are extra large, of good form and usually are borne singly on very long, strong stems.

SISTER THERESE. Sister Therese has the qualities which we all value most in a garden rose. It has a remarkably strong, tall and vigorous free branching bush. Buds are large, long and perfect of chrome-yellow, heavily marked with carmine. The open flower is rich daffodil yellow and holds its color well. Spicily fragrant.

CLIMBING ROSES 60c each, 3 for \$1.50, Postpaid

BELLE OF PORTUGAL. (H. G.) Large, soft pink blooms flushed with yellow at the base of petals. Pointed buds. Light green foliage.

GOLDEN EMBLEM. (H. T.) An extremely vigorous, rampant climber with enormous, heavy canes producing quantities of double golden yellow flowers similar to the bush variety.

HOOSIER BEAUTY. (H. T.) Beautiful long buds and flowers of a rich, dazzling crimson-scarlet. Long stemmed and fragrant, borne on a vigorous climber.

LADY ASHTOWN. Exquisite, pointed blooms of vivid pink.

CECILE BRUNNER. (P.) A vigorous climber which is very popular. A persistent bloomer, flowers perfectly double, exquisitely formed but tiny and borne in clusters. The color is a salmon-pink shading deeper toward the center. Dense handsome foliage.

MME. EDOUARD HERRIOT. (H. T.) A vigorous climbing rose with brilliant coral red buds, and flaming flowers of orange red and salmon.

PAUL'S SCARLET. The semi-double flowers are of good size and of a vivid scarlet-red color, fading but little. Freely produced in clusters on much branched canes. It is perfectly hardy.

PRESIDENT HOOVER. (H. T.) A rampant climbing form of the popular bush rose. Identical in color and form of bloom.

TALISMAN. (H. T.) This is destined to be a most popular climbing rose. Flowers are the same wonderful color and lovely form as the bush variety. Exquisitely fragrant. A very free bloomer.



MARY HART
(Plant Patent No. 8)
\$1.00 each

© 1932

PLANT PATENT
NO. 8



YOSEMITE
Plant Patent No. 109)
\$1.00 each



SIGNORA
(Plant Patent No. 201)
\$1.50 each



© 1935

PLANT PATENT
NO. 172

ECLIPSE
(Plant Patent No. 172)
\$1.50 each



MATADOR
(Plant Patent No. 170)
\$1.25 each

© 1935

PLANT PATENT
NO. 170

Beautiful New Wilt-Resistant



Aster Wilt Resistant Aurora Golden Sheaf

SUPER GIANT—This is the largest and most fully double Aster class known. The flowers are from 6 to 8 inches across, beautifully petaled with graceful interlacing petals. The plants are strong and sturdy growers about 2 feet tall, and having 6-8 long, non-lateral stems per plant. These early blooming plants are highly desirable garden subjects.

El Monte—Sensational new crimson. Pkt. 25c; $\frac{1}{8}$ oz. 65c.

Los Angeles—Delicate shell pink. Pkt. 20c; $\frac{1}{8}$ oz. 65c.



Aster Super Giant Los Angeles

Asters are among the most popular summer and fall flowering annuals. They come in a great variety of classes and an endless number of shades. They are profuse bloomers and the flowers adapt themselves to table and house decorations. Seed may be sown in boxes early in the spring, protecting them from frost and then transplanting them to their permanent bed; or they can be sown where they are to remain after the danger of frost is over and when the soil is warm. Good culture is essential in order to obtain an abundance of fine flowers.

ASTER WILT RESISTANT STRAINS

The Aster Wilt disease is caused by a parasitic fungus which is carried on the seed, tools, and in the soil, and once it is introduced in the soil it persists indefinitely. Consequently the only way to grow Asters more than one year in the same soil is to use resistant stocks.

AURORA—This splendid free flowering Aster has large flowers with high crested centers of fully quilled florets. The outer band of petals are broad, thus setting off the flower in a beautiful fashion. Height 2 feet. Fine for cutting.

Rose—Bright rose, yellow center.

Salmon Queen—Pale salmon, yellow center.

Golden Sheaf (Wilt Resistant)—Beautiful golden yellow, the deepest yellow Aster yet offered.

Blue—Light blue, yellow center.

Any above varieties—Pkt. 15c; $\frac{1}{8}$ oz. 45c.

KING OR NEEDLE TYPE WILT RESISTANT—The large rounded heads are composed of narrow tubular or quilled petals. Long sturdy stems are quite erect. This variety blooms a little in advance of the late kinds.

Crimson

Lavender

Rose (partially resistant)

White

Peach Blossom

Finest Mixed

Pkt. 10c; 5 pkts. 40c; $\frac{1}{4}$ oz. 65c.

IMBRICATED POMPON—This very popular flower is produced in great abundance as many as 20 flowers to the plants, which are 16 inches tall. The petals are short and compactly imbricated, forming very neat attractive pompon flowers.

Scarlet

White

Mixed

Rose

Light Blue

Pkt. 15c; 5 pkts. 65c; $\frac{1}{8}$ oz. 65c.

LILLIPUT—A small flowered, intensely double, compact quilled petaled center, neat and symmetrical form, about two weeks later than the Imbricated Pompon. It grows 18 inches high, and has an ideal range of colors. Pkt. 15c; $\frac{1}{8}$ oz. 50c.

GIANT COMET WILT RESISTANT (Salmon Queen)

—A new clear, pure salmon pink blending to a rich golden salmon at the center. Flowers are large, well formed, and of the feathery comet type on long stemmed, early flowering, upright, wilt resistant plants. Pkt. 15c; $\frac{1}{4}$ oz. 65c.

HEART OF FRANCE WILT RESISTANT—This is the largest and most beautiful of the dark red sorts. Rich ruby red blooms are carried on long strong stems. The plants are nicely branched and form a well rounded bush 2 feet in height. Pkt. 15c; $\frac{1}{8}$ oz. 50c.

and Giant Strains of Asters

IMPROVED CREGO WILT RESISTANT—The flowers are extremely large and double, often 4 to 5 inches across, and composed of long graceful fluffy curled petals. Robust and branching, about 2½ feet tall, these plants bloom early and are popular for cut flowers and bedding plants.

Crimson	Peach Blossom	Royal Purple
Deep Rose	Shell Pink	White
Pkt. 15c; ⅛ oz. 45c; ¼ oz. 75c.		Azure Blue
Finest Mixed—Pkt. 15c; ⅛ oz. 35c; ¼ oz. 65c.		

IMPROVED GIANTS OF CALIFORNIA, Curled and Interlaced—The flowers are large and full with broad, graceful petals borne on long heavy non-lateral stems. Plants reach a height of 3 feet, and bloom from mid-summer until frost. Excellent for florists and home gardeners but as yet are not all Wilt Resistant.

Deep Rose	Light Purple
Peach Blossom	Dark Purple (Wilt Resist.)
Light Blue	White

Pkt. 15c; 6 pkts. 75c; ⅛ oz. 60c.

Finest Mixed—Pkt. 15c; ⅛ oz. 50c; ¼ oz. 85c.

TALL OSTRICH FEATHER IMPROVED WILT RESISTANT — These extremely graceful, full, fluffy flowers are among the finest of the Comet or Ostrich Feather class. Plants are about 2 feet tall, branching, and strong growing.

Finest Mixed—Pkt. 15c; ⅛ oz. 35c.

EARLY BEAUTY WILT RESISTANT—The plants are from 2½ to 3 feet tall, with long, stout stems, bearing large, well-formed compact, densely double flowers, that come into bloom in early July and August, and are excellent keepers.

Crimson	Azure Fairy
Deep Rose	Purple
White	Black Prince

September Beauty—Delicate shell pink.

Pkt. 15c; 7 pkts. 85c; ⅛ oz. 45c.

Finest Mixed—Pkt. 15c; ⅛ oz. 45c; ¼ oz. 85c.

AMERICAN BEAUTY WILT RESISTANT—Growing from 2½ to 3 feet tall, the robust plants bear fully double, compact flowers on long sturdy stems. They bloom from late August until frost.

Crimson	Azure Fairy
Deep Rose	Purple
September Beauty	Mixed

Pkt. 15c; 5 pkts. 60c; ⅛ oz. 45c.

AMERICAN BRANCHING (Vick's Branching) Wilt Resistant—These vigorous, bushy plants grow 2½ to 3 feet tall, bearing an abundance of large, fully double flowers on long stems. A great favorite for late cutting.

Crimson	Azure Blue
Rose	Blackish Blue
Shell Pink (Mary Semple)	White

Pkt. 10c; 6 pkts. 50c.

Finest Mixed—Pkt. 10c; ¼ oz. 65c.

IMPROVED NEW GIANT CALIFORNIA SUNSHINE—This fascinating new Aster has flowers 4-5 inches across, composed of a single row of long, narrow, loosely placed outer petals which contrast the unique yellow quill-like tubular florets which make up the cushion-like center. The stems are long and heavy on plants 2 to 3 feet in height.

Rose	Blue
Enchantress Pink—Salmon pink.	Purple
White	

Separate Shades above—Pkt. 25c; ⅛ oz. \$1.00.

Finest Mixed—Pkt. 20c; ⅛ oz. 75c.



Aster Crego Wilt Resistant

ASTERMUM WILT RESISTANT MIXED — These very large flowers of Chrysanthemum-like appearance are borne on plants 1½ to 2 feet tall which are upright and branching in habit. They bloom very early. **Pkt. 10c; ¼ oz. 50c.**

SINGLE CHINENSIS (Tall Single Giant Flowered)—These Asters grow 2 to 2½ feet tall. The flowers are daisy-like with wide petals which are placed closely in a beautiful fashion. Very effective in bedding or border work with their pleasing color display. Finest mixed. **Pkt. 10c; ¼ oz. 25c.**

PERENNIAL ASTER — MICHAELMAS DAISY — This is a splendid mixture of the newest varieties, shades, and colors in hardy herbaceous Asters. They will bloom the first year if sown early, forming bushy clumps 2 to 3 feet high, covered with large single flowers in rich shades. **Mixed, pkt. 10c.**



Aster American Beauty

Australian Pea Vine . See
Dolichos Lignosus

Baby Blue Eyes . See Nemophila

Baby's Breath . See Gypsophila

Baby Primrose . See Primula
Malacoides

Bachelor Button . See Centaurea
Cyanus

Balloon Vine . Love-in-a-Puff

A rapid-growing annual climbing vine, delicate clusters of white blossoms and a number of large, round inflated seed-buds resembling miniature balloons. Pkt. 10c.

Balsam . Lady Slipper

DOUBLE CAMELIA FLOWERED MIXED—A favorite, tender annual producing gorgeous masses of brilliantly colored wax-like double flowers. Balsams like a sunny location, rich soil, and plenty of water, and for best development plants should be spaced 1 to 1½ feet apart. Pkt. 10c; ¼ oz. 25c; 1 oz. 75c.

Bartonia . Blazing Star

AUREA — This handsome native California plant reaches a height of 2 to 3 feet and bears beautiful, single, golden yellow cup-shaped flowers, having filamentous stamens. Flowers open only in the afternoons. The grey thistle-like foliage glistens in the sunlight. Pkt. 10c; ¼ oz. 25c.

Begonias . Wax Flower

EVER-BLOOMING BEDDING VARIETIES — These are sturdy plants, around 1 foot high, which form a dense bush of glossy green wax-like leaves. The plants are completely covered with their small wax-like decorative blossoms. The seed is microscopically small and should be sown on the surface of a shallow seed pan. The seed germinate readily and should be pricked off when very small and transplanted to protect them from damping off. Begonias do well as pot plants, and excel in beds and borders, particularly in partial shady locations where their green foliage and open flowers are always attractive.

Christmas Cheer—Beautiful cherry red blossoms attain a diameter of 2 inches. Pkt. 25c.

Erfordia—Bright rosy carmine with very dark green foliage. Pkt. 25c.

Luminosa—Brilliant fiery dark scarlet with reddish dark green leaves. Pkt. 25c.

Prima Donna—Large flowering clear pink shading to carmine rose. A lovely winter flowering variety. Pkt. 25c.

Vernon — Bright orange-carmine flowers with extremely reddish-green leaves. Pkt. 15c.

Semperflorens Hybrida Finest Mixed—This is a delightful mixture containing all colors from white to deepest crimson. Pkt. 15c.

Browallia . Amethyst

ELATA CHOICE MIXED—A favorite free blooming annual covered with rich, beautiful winged flowers during summer and autumn months. They grow freely in rich soil, are fine for borders and beds. Pkt. 10c; ¼ oz. 30c.

Bellis . English Daisy

These favorite low perennial plants thrive in cool and shady locations. Seed can be sown in the fall and early spring, but do best when sown in the fall.

PERENNIS FLORA PLENA (Double Daisy)—These are appealing in their richness of color, and attractive dwarf doubleness.

Snowball—Pure white. Pkt. 10c; ⅛ oz. 40c.

Longfellow—Rich dark pink. Pkt. 10c; ⅛ oz. 40c.

Double Choice Mixed. Price: Pkt. 10c; ⅛ oz. 30c.

MONSTROSA GIGANTEA (Improved Giant Double)—These are a decided improvement of the regular Daisy, in that the flowers and plants are much larger and extremely double. The colors are just as true and pleasing, and the larger flowers add an increased richness to the garden. Pkt. 15c; ⅛ oz. 60c.

Giant White—Pkt. 15c; ⅛ oz. 60c.

Giant Pink—Pkt. 15c; ⅛ oz. 60c.

Giant Red—Pkt. 15c; ⅛ oz. 60c.

Tubulosa Etna — Beautiful quilled or tubular red petals. Pkt. 25c; 1/16 oz. 75c.

Mammoth Finest Double Mixed.

Price: Pkt. 15c; ⅛ oz. 50c.



Brachycome

Brachycome . Swan River Daisy

MIXED. Free flowering dwarf growing annuals, covered the greater part of the summer with a profusion of dainty flowers in shades from blue to rosy lilac, and white. Pkt. 10c; ¼ oz. 40c.

Cacalia . Tassel Flower

SCARLET AND ORANGE MIXED—Each flower is a miniature paint brush of orange scarlet produced on long wiry stems. This annual is easy to grow, excellent for cutting, and lends a splash of color in borders and beds. Pkt. 10c.

Cactus

FINEST MIXED—This collection contains a wonderful range of good varieties, including rare sorts which are easy to grow. Here is an excellent opportunity to observe some of nature's interesting oddities. Pkt. 25c.

Calceolaria . Pouchflower

HYBRIDS GRANDIFLORA MIXED—These very ornamental plants with fantastic pouch flowers are beautifully varied in their coloring and marking. The background which is usually of a light yellow shade may be curiously splashed or spotted with rich maroon or brown, giving a tigered or spotted effect. This beautiful strain is generally used for pot plants, and indoor work, except when ample outdoor protection is given. Pkt. 50c.

Calendula



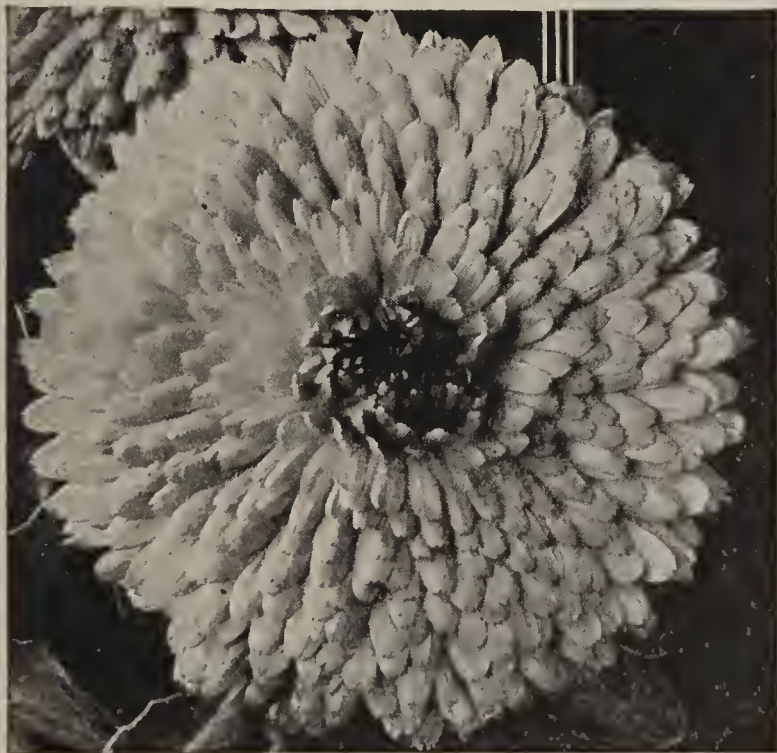
Calendula, Sunshine (Improved Chrysantha)

This showy, free flowering annual is a favorite of long standing. It produces a fine effect in beds, or borders, and is of great merit for forcing by florists for winter use. It does well in most climates, and will give continuous blooms all summer if seed pods are kept off. The brilliant flowers are particularly valuable in late fall. The plants are very bushy and dense with green leaves and bear large disk-like double flowers.

SUNSHINE (Improved Chrysantha)—This distinct new type has large, double golden yellow flowers with long, loosely arranged petals which droop somewhat to give the rounded appearance of a *Chrysanthemum*. The long, strong stems make it highly suitable for cutting. Pkt. 10c; ¼ oz. 35c.

ORANGE SHAGGY—This new lacinated petaled deep orange Calendula is exceedingly graceful and informal in appearance, and presents a striking contrast to the formal Calendulas in general use. Excellent for the garden and for cutting. Pkt. 15c; ¼ oz. 25c.

RADIO—A unique type of flower, hemispherical in shape with large petals beautifully quilled. Glowing rich orange in color. Pkt. 10c; ½ oz. 30c.



Calendula Campfire

CAMPFIRE or SENSATION—An outstanding large, double, flat flower. Brilliant orange petals with scarlet sheen and full golden yellow center. Pkt. 15c; ¼ oz. 35c.

BALL'S MASTERPIECE—Extra long stemmed, deep orange with brown center. Pkt. 15c.

BALL'S LONG ORANGE—Rich orange, light center, long sturdy stems of exceptional length. Pkt. 15c; ¼ oz. 35c.

BALL'S SUPREME—Medium orange, dark center. Very attractive. Pkt. 15c; ¼ oz. 35c.

BALL'S GOLD—Rich golden yellow. Fine stem. Pkt. 15c; ¼ oz. 35c.

BALL'S LEMON QUEEN—A beautiful lemon yellow with light center. Pkt. 15c; ¼ oz. 35c.

ORANGE KING—An extra fine strain of splendid double rich orange red variety, producing flowers over 3 inches in diameter. Pkt. 10c; ½ oz. 35c.

LEMON QUEEN—Excellent large, double rich lemon yellow flowers. Type same as Orange King. Pkt. 10c; ½ oz. 25c.

MIXED, ALL COLORS—A splendid mixture of all different shades. Pkt. 10c; 1 oz. 25c.

PASTEL BEDDING MIXTURE—Designed especially for the home garden, this mixture contains a beautifully balanced assortment of pastel shades in the dwarf types. Many new shades of apricot, cream, and white are included, as well as the better known orange and yellow shades. Although especially adapted for border use, the stems are long enough to use the flowers for cutting. Pkt. 10c; ¼ oz. 25c.

California Poppy . See *Eschscholtzia*

Calliopsis . Tickseed

Showy and free flowering annuals of the easiest culture, doing well in any sunny location. The plants are graceful, with finely cut foliage, and a wealth of brilliant flowers produced in shades from golden yellow to maroon.

BICOLOR—Tall semi-double mixed. Pkt. 10c; ½ oz. 25c.

BICOLOR—Dwarf annual mixed. Pkt. 10c; ½ oz. 25c.

Canna

Enormous brilliant clusters of bloom borne on spikes above broad green or bronze leaves. They are usually planted from roots, but can be successfully grown from seed. Soak the seeds in warm water until they show evidence of swelling, then sow in light soil.

GIANT FLOWERING—Mixed. Pkt. 10c; oz. 40c.

Cardinal Climber

This attractive, rapid growing, climbing annual with its beautiful fern-like foliage is literally covered with a blaze of fiery cardinal red flowers. These tubular flowers expand into star-shaped rims about one inch in diameter, and are borne in clusters of 5 to 7. It succeeds best in rich soil and in a sunny location. Blooms from summer till frost. Pkt. 10c; ¼ oz. 35c.

Canary-Bird Vine . *Tropaeolum*

Canariense

This rapid growing annual climber has beautifully cut leaves with delicate flowers of a clear canary yellow. From the color of its blossoms, and the resemblance of their shape to a bird, with expanded wings, this plant obtained its fitting common name. Pkt. 10c; ½ oz. 25c; oz. 40c.



Campanula Annual—Canterbury Bells

Campanula . Canterbury Bells

This beautiful class of plants is one of the most outstanding, including some of the very old-fashioned favorites and some of the very latest popular novelties. Some are tall and stately, well suited for background work; and others dwarf and dainty, gracefully fitting into some nook or crevice in a rock garden. Perennials, biennials and annuals are representative of this great family in the restful pastel shades of white, blue and delicate rose. The plants all prefer a medium rich soil, and do well in sunny and half shady locations.

ANNUAL CANTERBURY BELLS—This class is the newest addition to the Campanula family, plants coming into bloom six months from seed. The plants grow from 2 to 2½ feet tall, each having from 6 to 8 spikes of bell-shaped flowers.

Wedding Bell—The latest addition to this class of free flowering and early blooming annual Canterbury Bells. It makes a compact, base branching plant with a large center spike symmetrically surrounded by 8 to 10 slightly smaller spikes, all of which are well filled with beautiful waxy pure white single flowers. Pkt. 15c.

Angelus Bell—Beautiful art shades of deep rose. Pkt. 15c; ⅛ oz. 35c.

Blue Bell—Fine trusses of extra large Cambridge blue flowers. A new addition. Pkt. 15c; ⅛ oz. 35c.

Liberty Bell—Six to eight spikes of intense violet blue flowers. Pkt. 15c; ⅛ oz. 35c.

Mission Bell—A new color in Annual Canterbury Bells. Gorgeous soft clear pink flowers on fine large spikes make it most attractive. Pkt. 15c; ⅛ oz. 35c.

Choice Mixed—Contains dark and light blue, pink, rose and white in ideal proportions. Pkt. 15c; ⅛ oz. 30c.

SPECIAL "BELL" COLLECTION—1 pkt. each color, value 75c for 60c.

CAMPANULA MEDIUM CALYCANTHEMA (Cup and Saucer Canterbury Bells)—These biennials are unquestionably the finest type of this old-fashioned flower. They differ from the ordinary type in having an extra large calyx which is the same color as the flower, giving the appearance of a cup and saucer.

Dark Blue, Light Blue, Rose, White. Pkt. 15c; 4 pkts. 50c; ⅛ oz. 45c.

Mixed—Pkt. 10c; ⅛ oz. 35c.

CAMPANULA MEDIUM CANTERBURY BELLS—This old-fashioned flower is a favorite with all. Stately, large, bell-shaped blossoms are borne in great profusion on this hardy biennial which reaches a height of 2 to 2½ feet.

Single Varieties—Dark Blue, Light Blue, Pink, White. Pkt. 10c; 4 pkts. 35c; ¼ oz. 25c.

Double Choice Mixed—Contains all the double flowering medium varieties. Pkt. 10c; ¼ oz. 50c.

CAMPANULA BELLFLOWER—The following are some of the outstanding hardy perennials of the Campanula family, being excellent border or ideal rock garden subjects.

Carpatia Harebell—Borne on graceful slender stems, these dainty blue shallow bell-shaped flowers are found in bloom throughout the entire summer. Reaching only 8 to 10 inches high, these plants are excellent for rock gardens and low borders. Pkt. 10c; ¼ oz. 50c.

Pyramidalis (Chimney Bellflower)—Reaching nearly five feet, this stately plant produces long spikes packed with starry bell-shaped blue flowers. They make excellent pot flowers as well as garden subjects. Pkt. 15c; ⅛ oz. 50c.

Persicifolia grandiflora, Blue (Peach Bells)—This handsome border plant reaches 3 feet in height, with its long spikes profusely adorned with rich blue bells. Pkt. 15c; ⅛ oz. 60c.

Centaurea

This lovely class of plants are all pleasing garden subjects. Many of the annual varieties are popular favorites, prized for cut flowers, while the perennials are more admired for garden decoration.

CENTAUREA CYANUS DOUBLE (Bachelor Button Cornflower)—These annual flowers have for many years been a favorite cut flower. The attractive double flowers are produced in great abundance and in a wide range of colors. Easy to grow from seed and thrive well in most any type of soil.

Blue—Outstanding large double blue, greatly prized by florists. Pkt. 10c; ¼ oz. 25c.

JUBILEE GEM, see page 4.

Pink, Rosy-Red, White, Mixed.

Pkt. 10c; 4 pkts. 30c; oz. 50c.

CENTAUREA IMPERIALIS (Royal Sweet Sultan)—This beautiful class is undoubtedly the finest of all double Sweet Sultans for cut-flower purposes. The beautiful sweet-scented, deeply-fringed petals are closely held to rounded calyxes and are borne on splendid long strong stems, and will last many days when cut.

Brilliant Rose	Purple	Yellow—
Dark Rose	Delicate Lilac	(Suaveolens)
Deep Lavender	White	Mixed

Pkt. 10c; 7 pkts. 50c; ¼ oz. 25c.

CENTAUREA CANDIDISSIMA (Dusty Miller)—This silvery-leaved plant growing 12-15 inches high is excellent for bedding, vases, hanging baskets and pots; however, it is most popularly used as a border or for edging, making a splendid display. Pkt. 10c; ⅛ oz. 40c.



Candytuft, Giant Hyacinth-Flowered

Carnations

Few flowers enjoy greater popularity for beauty of form and richness of delicious fragrance and color as does this spicy fragrant, handsomely doubled, waxy petaled perennial flower. The stiff but slender blue-green stems lend added dignity to this flower.

CHABAUD'S IMPROVED GIANT DOUBLE—These robust erect plants, 15 to 18 inches, come into bloom five months after sowing the seed, and continue to supply a great abundance of beautiful, large, double, flowers with handsomely serrated petal edges.

Cardinal Red (Sparkler)—An outstanding brilliant scarlet.

Deep Rose—Lovely deep rich rose.

Rose Pink (The Pearl)—Delightful light rosy pink.

Flesh Pink—Delicate flesh pink.

Yellow (Marie Chabaud)—Outstanding yellow.

White (Jeanne Dionis)—Very lovely.

Pkt. 15c; 6 pkts. 75c.

Finest Mixed—A well balanced strain of all the desirable colors. Pkt. 15c; $\frac{1}{8}$ oz. 75c.

CHABAUD'S ENFANT DE NICE—This excellent type produces fewer but slightly larger flowers with longer stems, and is a little more spreading in habit than the Chabaud Giants. Early in blooming, robust in growth, this variety is indeed splendid. Pkt. 25c; $\frac{1}{16}$ oz. 75c.



Carnation, Chabaud Improved Giant Double

Candytuft

The annual Candytufts are of fine habit and profuse bloomers. They are easily grown and bloom quickly from seed. For a succession of bloom they should be sown at intervals. For massing in flower beds and borders and for edging they are admirably adapted, while for cutting the flowers are greatly prized. Height 5 to 15 inches.

CARMINE—Bright carmine rose.

CRIMSON—Rich deep shade.

ALBIDA—Pure white.

FLESH-PINK—Delicate pink.

LAVENDER—Delicate rosy-lavender.

ROSE CARDINAL—Brilliant deep rosy-red, one of the most effective for bedding.

Pkts. 10c each. Collection, 6 pkts. 50c.

FINEST MIXED—All colors mixed. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.

GIANT HYACINTH - FLOWERED or **IMPROVED EMPRESS**—A wonderfully improved strain of the Empress Candytuft and quite distinct, bearing very large, bold spikes of snowy white flowers, very effective plant for beds or borders; fine for cutting. Pkt. 10c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.00.

PERENNIAL CANDYTUFT—See Iberis, page 76.

Chelone . Pentstemon Barbatus

This very showy perennial grows $2\frac{1}{2}$ to $3\frac{1}{2}$ feet tall, is rather bushy, having long slender spikes bearing many trumpet-shaped flowers with hairy throats.

COCCINERIS—Vivid scarlet. Pkt. 10c.

NEW HYBRIDS—Fine assortment of colors. Pkt. 10c.

Cobaea Scandens . Cathedral Bells

A rapid growing annual climber attaining a height of 30 to 50 feet, during the season. Valuable for covering trellis, arbors, trunks of trees, etc.; will cling to any rough surface. The flowers are bell-shaped and open a clear green but turn a beautiful purplish lilac. In sowing, place seed edgewise and merely cover with light soil. Pkt. 10c; $\frac{1}{4}$ oz. 35c.



Chrysanthemum Segetum El Dorado

Chrysanthemum . Annual Varieties Painted Daisies

These are showy and effective garden favorites extensively grown for cut flowers, growing about 2 feet high and bearing a profusion of large daisy-like flowers on good stems.

ELDORADO—With golden-yellow dark centers.

EASTERN STAR—Primrose, yellow disc, dark brown eye.

EVENING STAR—Deep yellow, light brown eye.

MORNING STAR—Pale primrose, yellow disc and eye.

CORONASIUM—Tall double, white.

CORONASIUM—Tall double, golden yellow.

CORONASIUM—Tall double, mixed.

Any of above—Pkt. 10c.

Collection—1 pkt. each, 4 separate varieties, 25c.

SINGLE SEGETUM and CARINATUM MIXED—Flowers are double and semi-double, with some singles and come in a great variety of colors and excellent for cutting. Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c; 1 oz. 75c.

Chrysanthemum . Leucanthemum Perennial . Shasta Daisy

SHASTA ALASKA—This is a splendid hardy perennial variety of pure white flowers, rarely less than 5 inches across, borne on long strong stems. They are very fine for cutting and border work. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 65c.

CONQUEROR—This choice pure white flowered plant blooms in great profusion in mid-season and reaches a height of from $2\frac{1}{2}$ to 3 feet. The large flowers are beautiful in bouquets. Pkt. 15c.

SHASTA DAISY DOUBLE (Diener's Strain)—This is a new and interesting development of double and semi-double, long narrow fringed petals in a wide number of patterns or forms. Pkt. 35c.

Celosia

This novel free flowering hardy annual class has colored foliage and fascinating shaped heads of innumerable small flowers brilliantly colored. Very popular and of easy culture.

IMPROVED DWARF CRISTATA (Cockscomb)—The crinkly, corrugated and lacinated flower clusters are produced in great profusion, forming a large ornamental head. These plants, of from 10-12 inches in height make excellent pot specimens and are also ideal for border and bedding work.

Empress—Rich, bright crimson combs of great size; dark green foliage. Pkt. 15c; $\frac{1}{16}$ oz. 45c.

President Thiers or Glasgow Prize—Immense showy dark crimson combs, bright green leaves. Pkt. 15c; $\frac{1}{16}$ oz. 65c.

Aurea—Rich golden yellow comb. Pkt. 15c; $\frac{1}{16}$ oz. 75c.

Improved Dwarf Cristata Mixed—Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

PLUMOSA IMPROVED FEATHERED TYPE—These stately plants are considered among the most ornamental and make a splendid showing in the garden. The flower clusters are graceful, plumes arranged in pyramidal formation.

PRIDE OF CASTLE GOULD—Growing $2\frac{1}{2}$ to 3 feet high, this is a remarkable strain of giant plumes in many delightful shades. Pkt. 25c.

PLUMOSA IMPROVED REGULAR STRAIN—These are tall feathery plumed plants growing 2 to $2\frac{1}{2}$ feet tall. They serve well when cut and dried for winter bouquets. Comes in the following separate shades: **Crimson, Fiery Red, Scarlet, Yellow**—Pkt. 15c; $\frac{1}{4}$ oz. 50c. **Mixed**—Pkt. 10c; $\frac{1}{4}$ oz. 30c.

CHILDSI (Chinese Woolflower)—This attractive variety grows about 2 feet high bearing on long stems brilliantly colored flowers that look like balls of silky wool. Effective in the garden, and can be cut and dried, lasting a long time.

Bright Pink, Dark Pink, Crimson, Yellow, Mixed—Pkt. 10c; $\frac{1}{4}$ oz. 50c.

Collection—1 pkt. each, 4 separate shades, 30c.

LILLIPUT—This new class of exceptionally dwarf plume type plants, 12 inches high, are compact and branched, forming 15 to 20 branches of even length, each terminated by brilliant feathery plumes. These plants make wonderful pot specimens, and are excellent for borders or beds.

LILLIPUT—Golden Yellow. Pkt. 25c.

LILLIPUT—Firebrand. Pkt. 25c.

LILLIPUT—Mixed. Pkt. 25c.

Cheriranthus

ALLIONI (Siberian Wallflower)—About 12 inches high with beautiful heads of brilliant-orange flowers, these hardy perennial plants flower freely through the summer from seed sown in the early fall. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Cineraria Hybrida

Much prized as pot plants, they do well in a cool greenhouse and in mild climates. Succeed well out of doors in shaded places. The large velvety leaves are often hidden from view by the mass of daisy-like flowers colored in vivid shades of purple, red, pink, blue and white in addition to outstanding bicolors. Sow seed in boxes during the summer.

GRANDIFLORA SEMI-DWARF—Extra Choice Mixed. These extra large flowers are of fine substance and appear in a very select color range. Pkt. 25c.

GRANDIFLORA SEMI-DWARF—Good Mixed. This is a fine strain of large flowers of good color and substance. Pkt. 25c.

MULTIFLORA NANA MIXED—This compact plant is covered with a profusion of small flowers extremely rich in color. Pkt. 35c.

Cosmos

This delightful class of summer and autumn flowering annuals will bring joy to every garden. Their feathery light green foliage is highly ornamental and serves well as a background for other annuals or perennials, growing 3 to 6 feet tall.

The flowers, borne terminally, are large, 3 to 5 inches across, of delicate texture, petals broad, often overlapping and fluted and serve well for cutting. The plants thrive well in poor soil.

EARLY KLONDYKE ORANGE FLARE — Grand Champion Gold Medal Winner 1935 All American Selection. These new, bright, vivid orange flowers are supported by long wiry stems on very free flowering plants that grow 2½-3 feet tall with a sparse growth of light green foliage. The highly valued and distinctive feature is its outstanding early blooming habit. The long blooming season affords a great wealth of excellent flowers for cutting. Pkt. 15c; ¼ oz. 35c.

COSMOS SENSATION, FINEST MIXED (Award of Merit, All-America Selections, 1936)—Cosmos Sensation has earned for itself a remarkably permanent position in the garden world. The flowers are mammoth in size, 4 to 5 inches in diameter, with broad, heavy fluted petals carried on very long strong stems. It is extremely early flowering, blooming in 10 weeks from the time of seeding. The mixture contains white, and shades of rose and pink. Pkt. 15c; ¼ oz. 50c.

EARLY DOUBLE CRESTED—The major portion of the flowers in this class are composed of an attractive raised central crest of small petals covering the disc which is subtended by the beautiful characteristic Cosmos petals of like color. They bloom profusely throughout the summer if planted early.

Pink, White, Crimson—Pkt. 20c; ¼ oz. 85c.

Mixed—Pkt. 15c; ¼ oz. 65c.



Cosmos, Single



Cosmos, Double

EXTRA EARLY MAMMOTH SINGLE — Extremely large flowers bloom early and profusely on robust plants 2½ feet in height.

Crimson, Pink, White—Pkt. 10c; ¼ oz. 25c.

Mixed—Pkt. 10c; ¼ oz. 20c; oz. 60c.

LATE OR AUTUMN GIANT DOUBLE CRESTED—This class of Cosmos blooms rather late so early planting is of utmost importance to obtain the major wealth of blooms before frost sets in.

Crimson King, White Queen, Pink Beauty—Pkt. 20c; ¼ oz. 85c. Mixed—Pkt. 15c; ¼ oz. 65c.

LATE OR AUTUMN GIANT SINGLE — This type produces the largest and finest blooms with wide overlapping petals of splendid substance, perfect circular flowers, borne on very long stems.

Crimson, Lady Lenox Pink, Lady Lenox White—Pkt. 10c; ¼ oz. 25c. Mixed—Pkt. 10c; ¼ oz. 20c; oz. 50c.

Coreopsis Grandiflora

This class of hardy perennial plants grows 2 to 2½ feet tall and produce beautiful large daisy-like flowers, rich in color with broad fluted petals. They bloom over a long season and are attractive in the garden and serve excellently as cut flowers.

GRANDIFLORA—Pkt. 10c; ¼ oz. 25c; oz. 75c.

MAYFIELD GIANTS—Large rich deep golden yellow single. Pkt. 15c; ¼ oz. 50c.

DOUBLE SUNBURST (New) — Produces good percentage of semi-double flowers, the extra petalage adding further charm to flower. Pkt. 20c; ¼ oz. 45c.



Coreopsis

Clarkia Elegans Double

This hardy annual can be easily grown and does well from seed sown either in the fall or spring. Plants are not readily transplanted and should be pinched back twice during growth to insure good bushy plants. The several leafy stems reach a height of 2 feet and are covered with showy flowers, serving well as cut flowers and are ideal for bedding purposes.

ALBA—White.

VESUVIUS—Deep orange scarlet, shaded salmon.

SALMON QUEEN—Rich salmon pink.

Above separate colors—Pkt. 10c; ¼ oz. 35c.

CHOICE DOUBLE MIXED — All colors. Pkt. 10c; ¼ oz. 30c.

Coix . Job's Tears

LACHRYMAE—An annual ornamental grass growing 2 to 4 feet high, producing curious shiny hard seed which may be used as beads. Pkt. 10c.

Coleus

One of the most beautiful foliage plants to be obtained from seed. The leaves often measure 10 inches in length and 8 inches in width. They are heart-shaped and handsomely crimped, toothed and frilled; and come in remarkable color combinations. Valuable as house plants, window boxes, and may also be grown outdoors, doing well in shady places. Height 10 to 18 inches. Tender perennial.

FINEST MIXED—Pkt. 25c.

Columbine . See Aquilegia

Cypress Vine . Ipomea Quamoclit

One of the most popular annual climbing vines, with delicate fern-like foliage and masses of beautiful, small star-shaped flowers. Sow in spring after danger of frost and when soil is warm.

White—Pkt. 15c; ½ oz. 35c.

Scarlet—Pkt. 15c; ½ oz. 35c.

Mixed—Pkt. 10c; ½ oz. 25c; oz. 40c.

Cyclamen . Binnewies Strain

PERSICUM GIGANTEUM—Produced by the world's famous German Cyclamen seed grower with all the care and attention to keep only the very finest. These plants rank in size, vigor, and beauty. Splendid strong stems support colorful, fragrant blooms held well above the wealth of foliage. Splendid as house plants requiring 16 to 18 months to come into bloom.

Perle of Zehlendorf—Dark salmon.

Rose of Zehlendorf—Light salmon.

White with Red Eye.

Rose of Marienthal—Soft rose with carmine eye.

Snow Queen—Pure white.

Dark Blood Red.

Pkt. (10 seed) 25c, (100 seed) \$2.00, (200 seed) \$3.75.

Mixed—Pkt. (12 seed) 25c; (100 seed) \$1.85.

Daisy, Shasta . See Chrysanthemum

Daisy, English . See Bellis

Datura . Angel's Trumpet

WRIGHTII—This shrubby plant grows 2½ to 3 feet tall and produces interesting white trumpet shaped flowers mottled with purple, having a delightful fragrance. Pkt. 10c.

Perennial Flower Plants

This year we have some exceptionally fine plants of many of the most popular perennials, such as Delphiniums, Columbines, Pentstemon, Gerbera or Transvaal Daisies, etc. All will bloom this year.



Delphinium, Blackmore & Langdon Hybrids

Delphinium . Hardy Perennial Larkspur

Among the finest hardy plants for the garden. They thrive in almost any soil or location, and are easily increased.

BLACKMORE & LANGDON'S DOUBLE HYBRID STRAIN—The latest and most outstanding development in the Hollyhock-flowered type. Gigantic true double flowers are of all the clear shades of blue and many opaline varieties with bees of contrasting colors. Under good growing conditions the plants reach a height of 6 feet or better, producing immense flower spikes. Pkt. 25c; 1/16 oz. 75c.

IMPROVED BELLADONNA—Beautiful single flowering light turquoise blue. Height 3-4 feet. Fine spike. Pkt. 15c.

IMPROVED BELLAMOSUM—A rich deep blue. Same form as Belladonna. Pkt. 15c.

Delphinium (Continued)

CARDINALE—Brilliant scarlet California wild flower. Height 18 inches. Pkt. 15c.

ICEBERG—An exquisite pure white coming true from seed. Flowers set close together along the 20 inch spike. Pkt. 20c.

GOLD MEDAL HYBRIDS MIXED—The finest strain of Mixed Hybrids offered. The original stock coming from England, and consisting of the best named varieties. Strong robust plants produce tall spikes over 2 feet long of well formed flowers running more in the choicest blue shades. Pkt. 10c; 1/4 oz. 75c.

WREXHAM HOLLYHOCK FLOWERED STRAIN—The most remarkable feature of this strain is the extraordinary length and tapering spire-like shape of the spikes, together with the exquisite rich and varied tints found in the large truly double flowers.

Wrexham Art Shades—Pkt. 50c; 1/16 oz. \$1.25.

Wrexham Deep Blue Shades—Pkt. 50c; 1/16 oz. \$1.25.

Wrexham Light Blue Shades—Pkt. 50c; 1/16 oz. \$1.25.

Wrexham Mixed—Pkt. 35c; 1/16 oz. 85c.



Dianthus, Sweet Wivelsfield

Dianthus or Pinks . Flower of the Gods

These very attractive, popular annual and perennial plants produce a great variety of brilliant colors and are profuse bloomers. Growing from 8 to 18 inches tall, these plants make ideal beds or borders of solid or mixed colors. The double flowering varieties are excellent for cutting, being almost as fine as Carnations. They do well on most any type of soil, but like a sunny location and are easy to grow from seed.

DIANTHUS CHINENSIS DWARF (China or Indian Pinks)—A fine class of single and double flowered annual plants. Flowers are borne in large clusters on strong upright growing plants one foot high, blooming freely throughout the summer.

Single Mixed, Double Mixed—Pkt. 10c each.

DIANTHUS HEDDEWIGI (Japanese Pinks)—This dwarf free flowering class of annual plants reaches a height of 10 to 12 inches. The exceptionally large, well formed flowers are the outstanding feature of this class.

Nobilis Giant Mixed (Royal Pinks)—This is a very select and improved strain of very large flowered single Japanese Pink in many colors. Pkt. 10c.

Double Mixed—Colors vary from the richest velvety crimson to the most delicate rose. Pkt. 10c.

Single Mixed—Pkt. 10c.

DIANTHUS HEDDEWIGI LACINIATUS—This beautiful class of plants have delightful fringed edges in a great variety of colors, growing one foot in height.

Splendens—This new variety is one of the outstanding introductions. Free flowering, bearing large single flowers over 2 inches across in a brilliant shade of crimson with a large contrasting glistening white eye. Pkt. 15c.

Double Mixed—Pkt. 10c.

Single Mixed—Pkt. 10c.

DIANTHUS PLUMARIUS (Grass or Clove Pinks)—Perennial group. This fine class of hardy perennials grows from 1 to 1 3/4 feet tall, and enjoys great popularity, being most attractive in rock gardens, in borders, and for cut flowers.

Cyclops—Large, single flowers in pink and rose shades, having a large red eye, are indeed most attractive. They are found in abundance on the sturdy plants that grow in thick clumps about 15 inches high. Pkt. 10c.

Single Mixed (Pheasant's Eye)—Pkt. 10c.

Double Mixed—Pkt. 10c.

Hardy Garden Pinks . Perennial Rock Garden Pinks

ALLWOODII—A new race of perpetual-flowering hardy green pinks. The seed will produce an average of 75 per cent double, deliciously clove-scented flowers in many colors. Flowers continuously from spring until late in the autumn. Pkt. 35c.

CAESIUS (Cheddar Pink)—Splendid rock plant, forming dense tufts 3 inches high with delicate rose colored flowers. Pkt. 15c; 1/4 oz. 50c.

DELTOIDES BRILLIANT (Maiden Pink)—A charming creeping variety for the rock garden, with rich rosy crimson flowers. Pkt. 15c; 1/8 oz. 50c.

SWEET WIVELSFIELD—This is the result of a cross of Dianthus Allwoodii on the Dianthus Barbatus. The growth is not unlike the Sweet William but the flowers are larger and it has a much wider range of color. Besides retaining the brilliant coloring of Heddeewigi strain, which was one of its ancestors, it has many of the dainty markings of the same. Some of the flowers have a honey perfume. Blooms the first year from seed and will live over winter if conditions are favorable. Mixed, pkt. 10c.

Diascia

BARBERAE—A very attractive little annual plant, blooming freely in summer. The flowers have two short spurs produced on slender stems and are a beautiful salmon pink. Excellent for rock gardens and dwarf borders and makes a fine pot plant for indoor decoration. Height 9 inches. Pkt. 15c; 1/16 oz. 50c.

Didiscus . Blue Lace Flower

COERULEUS—A very pretty annual. Exquisite pale lavender flowers on long stems. A constant and profuse bloomer. Excellent for cut flowers. Not difficult to grow from seed; seed somewhat slow in germinating. Pkt. 10c; 1/4 oz. 40c.

Digitalis or Foxglove

GLOXINOIDES—These handsome and highly ornamental hardy biennial plants of stately growth do well under almost all conditions. They are fine for shrubbery, borders, and for naturalizing in suitable places. Spikes of their characteristic elongated bell-shaped flowers, are beautifully spotted in the exposed interior surface, attain a height of from 3 to 5 feet. Pink, White, Purple—Pkt. 10c.

GIANT SHIRLEY MIXED—The finest strain of Foxgloves yet introduced. Vigorous plants of five to seven feet with spikes of bloom four feet in length, closely set with flowers of unusual size, ranging in color from pure white to dark rose, handsomely spotted and blotched with crimson, maroon and chocolate. Pkt. 15c; ¼ oz. 35c.

Dahlia

Few people realize that robust plants with excellent blooms may be produced the first year from seed started early in protected seed beds and later planted out after danger of frost has passed. For a rich autumn display or for specimen plants these flowers are unsurpassed.

COLTNESS HYBRIDS—This is a new class of single Dahlias of compact habit about 18 inches high. The flowers are about 3 inches in diameter and in many fine colors with varied shades of red predominating. Pkt. 15c.

UNWIN'S DWARF HYBRIDS—Sow seed in March and by the end of June a wealth of graceful semi-double flowers will be produced in all the finer shades known to Dahlias. These compact plants grow 2 feet tall, and are a valuable acquisition to the class of annual bedding types. Pkt. 25c; ½ oz. 65c.

CACTUS FLOWERED MIXED—This choice branching plant produces a colorful array of magnificent double flowers with shaggy twisted petals. Pkt. 15c.

PEONY FLOWERED MIXED—Large flowers with their graceful ribbon-like petals typifying this class of beautiful plants of medium height. Pkt. 15c.

SINGLE MIXED—A splendid array of pleasing colors in types most pleasing for your garden. Pkt. 10c.

Dianthus Barbatus . See Sweet William

Dimorphoteca . African Golden Daisy

AURANTIACA HYBRIDS—Extremely showy annual daisies from South Africa. The plants grow 12 to 15 inches high with flowers 2¼ inches over and across, varying in color from purest white through the various shades of yellow orange to rich salmon shades, many being zoned with several of these colors around the black disc. Sow the seed where it is to remain in the spring in a sunny position. Pkt. 10c; ¼ oz. 40c.

Dolichos . Hyacinth or Jack Bean

In this desirable class of ornamental climbers of the pod bearing family we find peas and beans are familiar members. Their attractive foliage and colorful blossoms afford great beauty and enhance their usefulness for arbor, trellis and porch decorations.

LABLAB (Hyacinth Bean) — Mixed. These rapid growing climbers flower freely in erect racemes of purple and white shades. The seed pods that develop are also very attractive. Pkt. 10c; ½ oz. 35c.

LIGNOSUS (Australian Pea Vine)—A rapid growing evergreen perennial climbing vine producing in great abundance large clusters of rose colored pea-shaped flowers. Pkt. 10c; ¼ oz. 40c.



Foxglove, Giant Shirley

Eschscholtzia . California Poppy

This beautiful and brilliant annual has been greatly improved in recent years, and we now have many beautiful and unusual colors.

CHROME QUEEN—Light yellow with just a shade of apricot, frilled. Pkt. 10c; ¼ oz. 25c.

LOVELY—Bright rose pink suffused salmon. Pkt. 10c; ¼ oz. 40c.

MIKADO—Orange-crimson. Pkt. 10c.

TANGO—Bronzy red. Pkt. 10c.

THE GEISHA—The fluted petals are gold inside and orange crimson outside. Pkt. 10c; ¼ oz. 40c.

VESUVIUS—Red and gold. Pkt. 10c; ¼ oz. 30c.

NEW HYBRID MIXED—This mixture is made from a number of new sorts of wonderful colorings. Beautiful for bedding and hillsides. Pkt. 15c; ¼ oz. 40c; oz. \$1.25.



California Poppy, New Hybrid Mixed

Echinocystis . Wild Cucumber Vine

LOBATA—Quick growing annual vine; splendid for covering trellis, old trees, fences, etc. Clean bright green foliage and sprays of white flowers in July and August. Pkt. 10c; oz. 30c.

Euphorbia

Strong-growing annuals, suitable for beds of tall-growing plants, or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

VARIEGATA (Snow on the Mountain)—Attractive foliage; veined and margined with white; 2 feet. Pkt. 10c; ¼ oz. 25c.

Evening Primrose . See Oenothera

Forget-me-not . See Myosotis

Four O'clock . See Marvel of Peru

Fuchsia . Ladies' Eardrop

This is a well known plant of easy culture in pots for the conservatory, parlor decoration, or for the open ground. The large showy pendant flowers of a rich red color make a beautiful display. Pkt. 25c.



Gerberas, Jamesoni Hybrids

Gerbera . Transvaal Daisy

JAMESONI HYBRIDS MIXED—This South African flower is of unusual daintiness. The large daisy-like flowers 2-4 inches across are borne on long stems. Their color range of white, pink, salmon, rose, crimson, yellow, lilac and intermediate shades make this strain ideal for cut flowers. Pkt. 25c; 100 seeds 75c.

Gomphrena . Globe Amaranth

This attractive everlasting annual plant grows 18 inches high and is covered with clover-like blossoms brilliantly colored. They flower from midsummer to late fall, lending themselves to garden designs and border work. Like other straw flowers they make admirable winter bouquets.

ORANGE or GOLDEN—Also known as "Strawberry Flower." A marvelous color. Pkt. 10c; ¼ oz. 25c.

PURPLE—As rich and royal as purple can be. Pkt. 10c; ¼ oz. 25c.

MIXED COLORS—Pkt. 10c; ¼ oz. 20c; oz. 60c.



Gaillardia, Portola Hybrids

Gaillardia . Blanket Flower

These hardy perennial varieties are remarkable for the profusion, size, and brilliancy of their flowers, continuing in bloom from early summer through late autumn.

DAZZLER—These new large flowers up to 5 inches in diameter are bright golden yellow petaled with a rich maroon-red center. Pkt. 15c; ⅛ oz. 50c.

THE KING—A new introduction from Europe of enormous flowers of fine substance. Cerise tipped yellow. Pkt. 20c; ⅛ oz. 65c.

INDIAN CHIEF—This fine new annual with large bronzy red flowers received the Award of Merit by the Royal Horticultural Society. Pkt. 15c; ½ oz. 30c.

PORTOLA HYBRIDS—This very fine perennial strain has bronzy scarlet petals tipped with golden yellow. Pkt. 15c; ⅛ oz. 40c.

GRANDIFLORA MIXED—Pkt. 10c.

Gloxinia

This is a very effective summer and fall flowering pot plant. Neat plants with dark green plush-like leaves produce numerous short stalks bearing beautiful richly colored inverted bell-shaped flowers. The plants grow best in a cool surrounding and in rich moist soil.

HYBRIDA GRANDIFLORA MIXED—This is a splendid strain including such choice colors as purplish violet, crimson, pink and lilac usually with beautifully spotted light throats. Pkt. 50c.

SCARLET QUEEN—Beautiful scarlet light throat. Pkt. 50c.

*Geum, Lady Stratheden*

Geum

This perennial plant reaches a height of two feet, bears lovely double rose-like flowers gracefully poised on long stems at the base of which is a thick rosette of strawberry-like leaves. The plants make splendid perennial borders, and are welcomed in bouquets.

Mrs. Bradshaw—Orange scarlet. Pkt. 15c; $\frac{1}{8}$ oz. 50c.
Lady Stratheden—Golden yellow. Pkt. 15c; $\frac{1}{8}$ oz. 60c.

Geranium

ZONALE MIXED—This is a superb strain of the finest and largest varieties, blooming the first year from seed. Reds predominate but soft shades of pink, rose and white are quite frequent. Pkt. 20c; $\frac{1}{16}$ oz. 50c.

Godetia . Satin Flower

TALL DOUBLE FLOWERED—This attractive hardy annual blooms profusely, bearing showy flowers of satiny texture in many rich and varied colors of exquisite beauty. Plants branch considerably at the base and produce strong stems about 2 feet tall.

Crimson, Rich Pink, Carminea Improved Pink, Lavender, Mixed—Pkt. 10c.

DWARF DOUBLE AZALEA FLOWERED MIXED—Pkt. 10c; $\frac{1}{4}$ oz. 25c.

DWARF COMPACT SINGLE—These bushy plants are covered with broad petaled cup-shaped flowers 2 or 3 inches across, and are of the same satiny texture as the double flowered sorts. Mixed, pkt. 10c; $\frac{1}{4}$ oz. 25c.

Golden Rod . Solidago

This popular hardy perennial flowers in late summer, producing golden yellow composita flowers. Height 3 feet. Pkt. 10c.

Grivillea . Silk Oak Tree

ROBUSTA—A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decorations; easily raised from seed, producing good sized plants in a short time. Pkt. 10c.

Gypsophila . Baby's Breath

These lovely dainty free-flowering plants do well in most any type of soil. Their dainty white or colored panicles are popularly used in bouquets.

ELEGANS GRANDIFLORA—Large flowered single annuals, 2-3 feet tall.

Alba—True Covent Garden strain; pure white.

Rosea—Soft light pure rose.

Carminea—Lovely deep carmine.

Mixed.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c.

PERENNIAL VARIETIES

Paniculata Single White—Very dainty tiny white single flowers on slender stems 2 feet high. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Paniculata Double White—This strain is superior to the older hardy strain and produces graceful dainty sprays of tiny rose-shaped white double flowers on plants around 3 feet tall. Pkt. 25c; $\frac{1}{16}$ oz. 75c.

Repens—This class is for rock gardens; 6 in. high.

Rosea—Light rose. Alba—Pure white. Pkt. 15c.

Pacifica—Pyramids of tiny pink flowers appear in slender, spreading panicles. It is very hardy and able to withstand severe frosts or extreme heat and dryness, and comes into bloom after the Paniculata. Pkt. 15c.

Gilia

CAPITATA—A very graceful annual, growing about 2 feet high with fine feathery foliage and bearing freely over a long season; globular heads, about an inch across, of rich lavender blue flowers. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Gourds, Ornamental

These are desirable in many places where an immense amount of vine is wanted quickly. The blooms of some are quite striking and handsome. The mature fruits are unique and are often shellaced and used as household decorations.

SMALL FRUITED VARIETIES

Apple—Creamy white apple-shaped.

Bottle (Miniature).

Egg Shaped—White. Used as nest eggs.

Orange—Shape and color resemble an orange.

Pear, Bicolor—Green and golden yellow.

Pear, Striped—Yellow and green.

Warted—All shapes and varied sizes, oddly warted.

Small Varieties Mixed—Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c.

LARGE FRUITED VARIETIES

Calabash (Pipe Gourd)—Used for making pipes.

Dipper—Used for dippers and birds' nests.

Dish Cloth or Bath Sponge (Luffa)—The mature fruits have a fibrous skeleton and is used like a sponge. When ripe soak in water to separate from flesh.

Giant Bottle or Chinese Water Jug.

Hercules Club—Mature fruits are 2 to 3 feet long and club shaped.

Mixed—All varieties, large and small.

Price any of the above: Pkt. 10c; $\frac{1}{2}$ oz. 20c; 1 oz. 30c.

*Ornamental Gourds*

*Hollyhock, Double Emperor*

Hollyhock

For planting among shrubbery or forming a background for other plants, their tall and stately stalks arise in majestic splendor with many large green leaves, and with a wealth of richly adorned flowers near the top.

DOUBLE TRIUMPH MIXED — Beautifully fringed double flowers in many new and pleasing shades, and others in bicolor combinations are found in this outstanding strain. Many reach a height of from 5 to 8 feet. Pkt. 15c; $\frac{1}{8}$ oz. 45c.

DOUBLE EMPEROR—This English novelty has beautiful flowers of varying tints. The flower group consists of a disc of longer and wider outer petals elegantly fringed and deeply fringed and a central crest of tufted petals. The flowers somewhat resemble a crested Begonia on a giant scale, being $5\frac{1}{2}$ to $6\frac{1}{2}$ inches in diameter. Pkt. 15c; $\frac{1}{8}$ oz. 45c.

CHATTERS DOUBLE VARIETIES — This splendid strain of large extremely double flowers is one of the most popular.

Maroon	White
Scarlet	Yellow
Deep Rose	Newport Pink—Finest pure pink.
Salmon Rose	
Mixed—Pkt. 10c; $\frac{1}{4}$ oz. 60c.	

ALLEGHANY MIXED—This very fine strain includes single, semi-double and double flowers seldom less than 5 inches across. They are beautifully fringed and vary in color from delicate shrimp pink to deep red with many interesting and unexpected flushes of other colors to make these blooms of outstanding and interesting beauty. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

SINGLE VARIETIES—Flesh-pink, Pink, Red, Yellow, White—Separate colors, pkt. 10c.
Collection—1 each, 5 colors, 40c.
Mixed—Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Humulus

JAPONICUS (Japanese Hop) — This rapid summer climbing annual plant makes a dense, luxuriant covering, and is one of the best for covering a veranda, trellis, or such places where attractive coverage is desirable. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Helenium . Sneezewort

Strong-growing hardy perennials, succeeding in any soil and useful in the hardy borders. Blooms profusely.

AUTUMNALE SUPERBUM — Large golden-yellow flowers during summer and fall. Fine for cutting. Five to six feet. Pkt. 15c.

BIGELOW — A beautiful hardy perennial, flowers golden yellow with black center, very striking for cut blooms. Pkt. 15c.

Helianthus . Sunflower

CHRYSANTHEMUM-FLOWERED DOUBLE—Large, densely double, bright golden yellow flowers. The plant branches and affords fine, long stout stems for cutting. One of the best varieties. Height 6 to 8 feet. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

RED SUNFLOWER—Some are solid red, of a deep maroon shade; others are red with petals gold-tipped, and a variety of other pleasing combinations of red and gold. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

PERKEO (Miniature Sunflower)—These are small, both in flower and plant; grows from 18 to 24 inches high, and covered with small, yellow flowers with dark eye. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

STELLA (Improved Miniature Sunflower) — Is considerably taller than Perkeo and has large single flowers (6 inches across) of purest golden-yellow with black disc. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

Helianthemum . Rock, or Sun Rose

MUTABILE—Low-growing evergreen plants forming large clumps, completely covered with bloom during late summer. Pale rose changing to lilac, then to white. 8 to 12 inches. Mixed. Pt. 10c.

Hibiscus . Mallow Marvels

These sturdy robust perennial plants grow from 3 to 6 feet high. Their mass of luxuriant foliage and wealth of large beautiful saucer-shaped flowers 4 to 6 inches in diameter.

GOLDEN BOWL or SUNSET—Large deep cream colored flowers reflecting a golden hue with a velvety maroon center adorn these plants in great numbers. Grows 2-4 feet tall. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

CRIMSON EYE—Flowers are of the largest size with a large splash of velvety crimson in the center. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

NEW GIANTS MIXED—Splendid large flowers of white, mellow pink and rich dark red. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Heuchera . Coral Bells

SANGUINEA—One of the finest hardy perennials. These plants are widely used for borders and massing, reaching a height of $1\frac{1}{2}$ feet. From an attractive deep green mat of leaves which are somewhat hairy and sometimes tinged with red or white, rise graceful, slender stalks upon which are borne clusters of tiny bell-like flowers of a rich, bright coral red. Pkt. 25c; $\frac{1}{32}$ oz. 85c.

Heliotrope

This half-hardy perennial flowers over a period of many months where winters are not too severe. Large clusters of blossoms from dark blue to deep violet of exquisite fragrance make these plants highly desirable for bouquets, in beds, or for pot plants. Mixed, pkt. 15c; $\frac{1}{8}$ oz. 40c.

*Helichrysum, Strawflower*

Helichrysum . Strawflower

Among the most popular hardy annual "everlastings". Very attractive when growing in the garden and also fine for drying. Flowers intended for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place. Height 2 to 3 feet.

SILVER BALL—White.

GOLDEN BALL—Yellow.

FIRE BALL—Red.

VIOLET QUEEN—Violet.

SALMON QUEEN—Salmon pink.

Each of above—Pkt. 15c; ¼ oz. 35c.

Collection—1 each, 5 separate colors, 35c.

MIXED—All colors. Pkt. 10c; ¼ oz. 25c.

Hunnemannia . Santa Barbara Poppy, Bush Eschscholtzia, Mexican Tulip Poppy

FUMARIFOLIA SINGLE YELLOW—These annual plants grow into shrubby bushes 16 to 20 inches high and produce large cup-shaped flowers often 3 inches across. These bright lemon yellow sweet scented flowers have broad and satiny crinkled petals. Seed sown early spring will bloom early and continue through late fall. Pkt. 10c; ¼ oz. 25c.

SUNLIGHT—The semi-double flowers are unique in that the extra band of petals is produced on the outside of the tulip-shaped flower rather than on the inside, thus making them appear open, showing its full splendor to advantage at all times. The flowers are of a sparkling lemon yellow on a 2-foot bush of light grey green. Pkt. 15c; ¼ oz. 50c.

Iberis . Perennial Candytuft

Dwarf evergreen plants, 6 to 10 inches high.

GIBALTARICA HYBRIDA—White shading to lilac. Pkt. 10c; ¼ oz. 50.

SEMPERVERENS—A profuse, white-blooming hardy perennial, coming into flower early in the spring. Pkt. 15c; ⅛ oz. 50c.

Ice Plant

MESEMBRYANTHEMUM CRYSTALLINUM—Foliage very ornamental, being covered with ice-like globules and prized for garnishing; a valuable plant for dry, sunny situations on banks, rockwork, old walls, etc. Annual. Height 6 in. Pkt. 10c; ¼ oz. 25c.

MESEMBRYANTHEMUM TRICOLOR (Pink Flowering Ice Plant)—These produce an abundance of showy pink single blossoms that glisten in the hottest sunshine. Pkt. 10c; ¼ oz. 50c.

MESEMBRYANTHEMUM CRINIFLORUM (Livingstone Daisy)—The plants which are of slightly spreading habit, are literally covered with daisy-like flowers, measuring about 2 inches, of the most delightful shades imaginable. They are pure white tinted and edged with rose, pink, crimson and buff, and self colors including primrose, golden, buff, apricot, crimson and pink. Pkt. 25c; 1/16 oz. 50c.

Impatiens . Zanzibar Balsam

This tropical African plant is very easy to grow and is much prized for window culture, or garden display in the semi-shade, and may be had in bloom in the house throughout summer and winter.

SULTANA—Flowers are of a brilliant rosy scarlet on a much branched well rounded plant 18 inches high. Pkt. 20c.

Ipomoea

Beautiful rapid annual climbers. Foliage very dense and some kinds have remarkable shape. In a wide range of delicate colors.

BONA NOX (Evening Glory)—Violet blue flowers, open in the evening; similar to the white Moon Flower but not as large. Pkt. 10c; ½ oz. 45c.

GRANDIFLORA ALBA (White Moon Flower)—At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. Rapid grower attaining a height of 30 or 40 feet under favorable conditions; leaves large, frequently 4 to 5 inches across. Pkt. 10c; ½ oz. 30c; oz. 50c.

RUBRO COERULEA (Heavenly Blue)—A most desirable free flowering sort, with glossy dark foliage and very large flowers of bright sky blue. Pkt. 15c; ¼ oz. 40c.

SETOSA (Brazilian Morning Glory)—Flowers of pleasing rose color, borne very freely in large clusters. A very rapid growing vine covering a large space in a short time. Pkt. 10c; ½ oz. 30c.

IMPERIALIS (Japanese Imperial Morning Glory)—The handsomest of all Morning Glories. The colors run from snow white through all possible shades of blue and red, from palest pink to darkest reds and purples. The flowers are streaked, mottled and bordered in wonderful fashion. The leaves are also very handsome; ivy-like and heart-shaped, some are rich green, while others are streaked and marbled with white or yellow. Pkt. 10c; oz. 30c.

IPOMEA, DOUBLE ROSE MARIE—New double and semi-double free flowering deep rose-pink flower. Pkt. 15c; ¼ oz. 35c.

Kochia . Summer Cypress, Burning Bush

TRICHOPHYLLA—An easily-grown annual, resembling a close-clipped ornamental evergreen. The globe shaped or pyramidal bushes are close and compact and of a pleasing light green color. Little flowers give the bush a deep red tinge. Pkt. 10c; ½ oz. 25c; oz. 40c.

Kudzu Vine . Jack-in-the-Bean-Stalk, Puearia Thunbergiana

Flourishes where nothing else will grow. The large bold leaves of brightest green afford dense shade. Often attains a height of 50 feet. Pkt. 10c; oz. 60c.

Kenilworth Ivy . See Linaria

Larkspur

This grand class of Annual Delphiniums are ever satisfying in the garden and highly prized for cut flowers. The finely cut feathery soft green foliage sets off to advantage the handsome long spikes of beautiful double flowers in a satisfying color range.

GIANT IMPERIAL—This group is particularly ideal for cut flowers as the tall, upright, compact basal branching habit makes wonderful long stemmed spikes. Height 3 to 4 feet.

Blue Bell—New, deep azure blue.

Blue Spire—Intense deep Oxford blue.

Carmine King—Deep carmine rose.

Exquisite Pink Improved—Soft pink shaded salmon.

Exquisite Rose—Rose pink.

Lilac Spire—Beautiful rich lilac.

Los Angeles Improved—Brilliant pink or salmon.

White Spire—Pure white.

White King—Special Mention, All-America Selections, 1937. The flowers are a pure, glistening white with rounded broad petals. The florets are extremely large and fully double, measuring as much as 2 inches across and are evenly and closely spaced on the stem. The plants are tall, well over 5 feet.

Coral King—Blush pink, with a strong suffusion of coral which deepens and gets richer as the flowers mature. The plants are from 5 to 5½ feet tall under our conditions, and are of the true Giant Imperial type, branching from the base.

Pkt. 15c; ¼ oz. 40c. Collection. 1 pkt. each of above 10 separate colors, \$1.25.

Finest Mixed—Pkt. 15c; ¼ oz. 40c; ½ oz. 70c; oz. \$1.25.

TALL DOUBLE STOCK FLOWERED—Although forming many lateral branches and spreading considerably this group produces many fine spikes of lustrous double flowers.

Rosamond—Splendid new early non-fading sparkling pure bright rose. Pkt. 15c; ¼ oz. 40c.

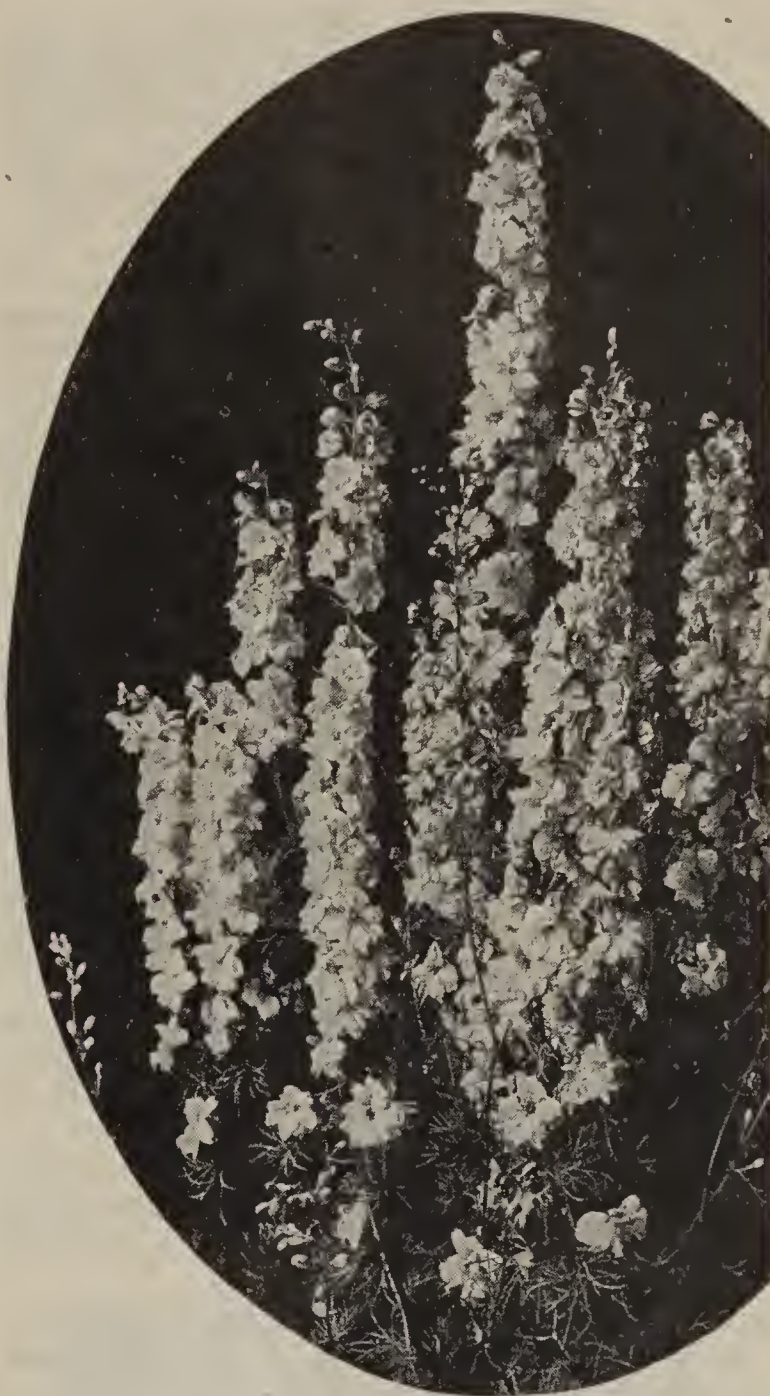
LaFrance—Fine light salmon pink. Pkt. 15c; ¼ oz. 40c.

Lustrous Carmine—Rich deep carmine rose. Pkt. 10c.

Azure Blue, Dark Blue or Sky Blue—Pkt. 10c; ¼ oz. 25c.

Finest Mixed—Pkt. 10c; ¼ oz. 25c; oz. 65c.

Collection—1 pkt. each of above 6 separate colors, 55c.



Larkspur, Giant Imperial

Linaria

This delightful class of annuals bears flowers which resemble miniature Snapdragons, ending in simple elongated spurs. Both trailing and erect varieties are found in this worthy group.

FAIRY BOUQUET MIXED—A newly improved strain much more compact than other Maroccana strains. Received Gold Medal Award in the 1934 All American Selections. The flowers are quite large, of bright colors and make excellent plants for edging and are wonderful for rock gardens. Highly recommended. Pkt. 15c; ⅛ oz. 60c.

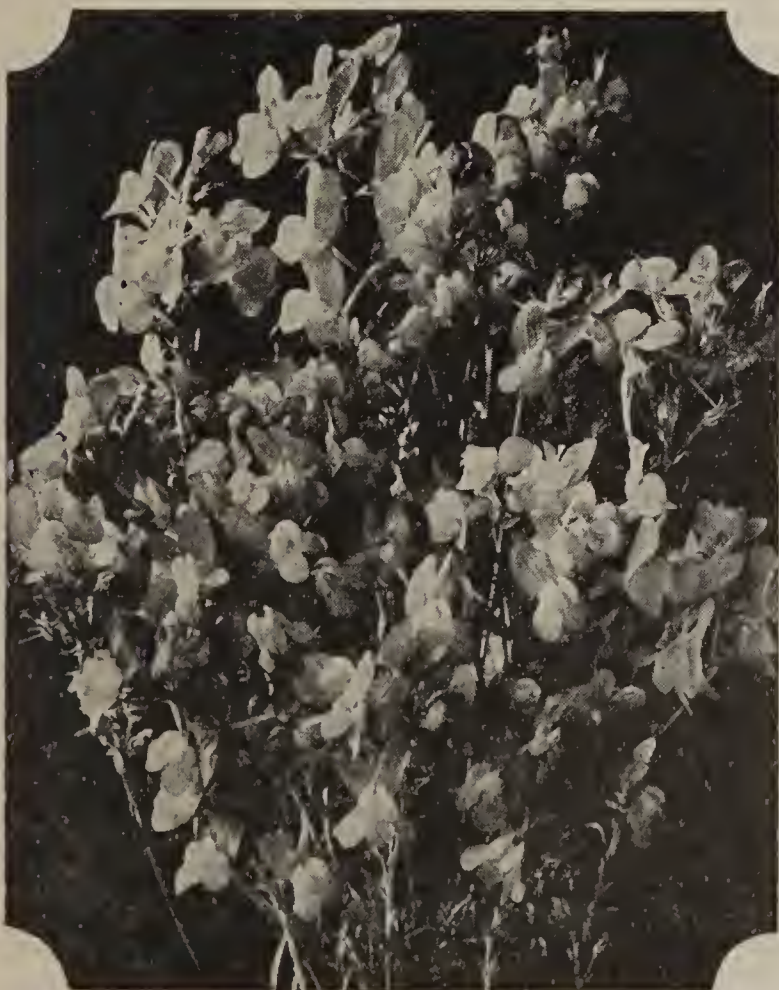
MAROCCANA HYBRIDS—Excelsior Mixed. This is a fine class of erect little plants 15 inches high. The colors are varied including yellow, crimson, pink, and purple. Pkt. 10c; ¼ oz. 25c; oz. 75c.

Kenilworth Ivy

LINARIA CYMBALARIA—A fine hardy perennial trailing plant with small bright green leaves and flowers of lavender with orange lips. It resembles English Ivy in miniature form and is especially adapted for hanging baskets, window boxes or for trailing over walls. Pkt. 15c; ⅛ oz. 50c.

Lavender . Lavandula Vera

Delightful fragrant flowers, much used when dry on account of their sweet odor. Hardy perennial. Height 3 feet. Pkt. 10c; ¼ oz. 25c.



Linaria, Fairy Bouquet Mixed

Leptosyne . Sea Dahlia

STILLMANII—One of the quickest annuals, blooming within 5 weeks from date of sowing. The golden yellow cosmos-like flowers continue in perfection for a long period. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

MARITIMA (Sea Dahlia)—Rich golden yellow flowers resembling Marguerites, borne on long stems. Annual. 2 feet tall. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Lantana

This desirable half hardy perennial is very desirable in greenhouses, in beds, and borders. It is constantly in bloom, supplying a beautiful array of fragrant verbenalike blossoms in orange, rose, white, crimson and yellow.

DWARF HYBRIDS MIXED—Splendid large flowers in wonderful colors are borne profusely on plants 18 to 20 inches tall. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Lathyrus Latifolius . Perennial Sweet Pea

This sturdy free flowering perennial sweet pea bears typical handsome pea flowers in large clusters of 8 to 10.

Red, Pink, White Pearl—Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Mixed—Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Lavatera . Mallow

These are fine showy shrub-like annuals 3 to 4 feet tall and are popularly used for borders or quick growing hedges. They furnish a wealth of color in their large cup-shaped blooms and luxuriant rich green foliage background.

ROSEA SPLENDENS—Large bright rose pink flowers. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

SUNSET SPLENDENS—Rosy carmine flowers on dark stems. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Lemon Verbena

An old favorite with fragrant evergreen leaves. Hardy perennial. Pkt. 10c.

Lupinus . Lupins

Hardy free-flowering native California annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting. Sow in the open ground and thin to 6 inches. Two feet high.

ANNUAL—Rich Blue, Sky Blue, Rose, White, Mixed. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

PERENNIAL (Polyphyllus)—Most beautiful hardy border plants producing tufts of soft green foliage, from which arise in continuous succession the stately spikes of bloom. Two to three feet high. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

Lychnis . Rose Champion

HAAGEANA—Handsome hardy perennial plant of easy culture, for massing in beds and borders; will bloom the first year if sown early. Brilliant orange, scarlet crimson, etc. Twelve to 18 inches. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

Linum . Flowering Flax

RUBRUM (Scarlet Flax)—One of the most brilliantly colored of the summer annuals. Flowers glowing crimson-red. Beautiful in beds and borders. Height 1 foot. Pkt. 10c; oz. 35c.

PERENNIAL FLAX—Bright blue flowers. 18 inches. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Leptosiphon

FRENCH HYBRIDS—Free flowering, hardy annual, useful for edging and rockwork. Plants are thickly studded with charming bright flowers of various colors. Height 4 to 6 inches. Pkt. 15c; $\frac{1}{4}$ oz. 50c.



Leptosyne Stillmanii

Lobelia

The dwarf sorts are charming plants, well adapted for bedding, pots or rockeries. They make a neat edging for beds of white flowers and are very effective in masses. The flowers are usually blue with lighter center and borne in neat clusters.

CRYSTAL PALACE COMPACTA—Rich deep blue, dark foliage; the finest dark blue for bedding. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

BLUE EMPEROR—A very compact variety; sky-blue flowers. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

WHITE GEM—Forms a perfect ball of snow-white flowers. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

TENUIOR—Of upright habit; about 12 to 15 inches, with very large flowers of intense blue, with light center. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

MIXED COMPACTA VARIETIES—All colors. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

CARDINALS (Cardinal Flower)—A perennial variety producing brilliant scarlet blossoms on tall, showy spikes 3 feet. Pkt. 25c.

GRACILIS—Light blue; light green foliage; trailing. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

HYBRIDA PENDULA SAPPHIRE—This splendid annual of trailing habit has rich deep navy blue flowers with a striking white eye. Fine for pots or basket work. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

Lilium Regale

It is absolutely hardy, and is excellent for forcing. The flowers are white, slightly buff used with pink, with beautiful shade of canary-yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy, oppressive odor of most lilies. Blooms perfectly out of doors. Seedling bulbs will flower the second year. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

Marigolds

The Marigolds, both African and French, are popular favorites among late season free-flowering annuals as they supply an abundance of decorative blossoms when many other flowers have passed their prime. The pleasing shades of orange and yellow blossoms are beautifully set off by the bright green finely divided foliage. They are valuable for borders, edging, bedding, or for exhibition purposes.

AFRICAN TALL DOUBLE—This class of beautiful large globular flowers is composed of many compact, tubular or wavy petals, produced on fine long stems. The plants are robust, bushy and well branched.



Marigold, African Tall Double Prince of Orange

DIXIE SUNSHINE — A Chrysanthemum-flowered type of Marigold. It comes 100% fully double and is but faintly scented with the familiar Marigold odor in the flowers. The fascinating large ball-shaped flowers are composed of dozens of tiny five petaled golden yellow florets, gracefully interlocked and daintily fringed in effect. Pkt. 15c; $\frac{1}{8}$ oz. 45c.

FISTULOSA—This strain produces only about 65-70% of true doubles, the quality of which is unexcelled.

Prince of Orange—Large, perfect double-quilled flowers of a rich deep golden-orange color. One of the finest. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Lemon Queen—Same form as Prince of Orange except in color, which is a soft lemon-yellow. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Mixed—Pkt. 10c; $\frac{1}{4}$ oz. 35c.

ALL DOUBLE—An improved strain of African Marigold, originated by a California specialist, producing practically 100% double flowers.

Orange All-Double—Pkt. 15c; $\frac{1}{8}$ oz. 45c.

Lemon All-Double—Pkt. 15c; $\frac{1}{8}$ oz. 45c.

Mixed All-Double—Pkt. 15c; $\frac{1}{4}$ oz. 75c.

GUINEA GOLD—A distinct type of Marigold, of graceful pyramidal habit, growing 2 to 2½ feet high, flowers semi-double, 2 to 2½ inches across, broad wavy petals of a brilliant shade of orange flushed with gold. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

YELLOW SUPREME — Large fluffy well rounded flowers are sweet scented and of a rich creamy lemon yellow color. This is a fine companion to "Guinea Gold", also serving excellently as a cut flower. Pkt. 15c.

AFRICAN DWARF DOUBLE IMBRICATED—This is a splendid dwarf strain growing only 1½ feet tall, but the bushes are loaded with large double flowers.

Golden Queen—Golden yellow. Pkt. 15c; $\frac{1}{8}$ oz. 45c.

Orange Queen (New)—Orange. Pkt. 15c; $\frac{1}{8}$ oz. 45c.

NEW COLLARETTE MARIGOLD, CROWN OF GOLD

—Gold Medal, All-America Selections, 1937. A beautiful Marigold with a Chrysanthemum-like crown surrounded by a collar of big, broad petals of the same color, bright golden orange. Plants grow about 2 ft. tall, bloom early, profusely and continuously until frost. Pkt. 15c; $\frac{1}{4}$ oz. 45c.

MARIGOLD GIGANTEA SUNSET GIANTS—Marigold Sunset Giants are the largest ever known in the Marigold group, averaging 5 to 7½ inches. The flowers are loosely formed, very full centered, with broad heavy petals gracefully overlapping to make a flower of great depth. Sunset Giants is a mixture ranging from deep orange through golden orange, deep golden yellow, light yellow, lemon yellow, and a delightful new shade of primrose. Pkt. 25c; $\frac{1}{4}$ oz. 85c.

MONARCH STRAIN MIXED—The Monarch strain has all the qualities which make up the ideal type of Dwarf French Marigolds as evidenced by it having received an Award of Merit in the All American Selections of 1934. The dwarf compact growth with very large, tight, double flowers in a wide color range of orange, bronze, yellow and mahogany shades make this strain excellent for bedding or border use. Pkt. 10c; $\frac{1}{2}$ oz. 40c.

FRENCH TAGETES (Miniature Marigold)

Signata Pumila (Little Giant) — This neat, dwarf, really compact strain is the highest development yet attained of this pretty little Marigold. It is only 4 to 6 inches high with a spread of 8 to 10 inches. The delicate, slender, fernlike foliage is heavily laden with an abundance of dainty, single, golden orange flowers. It makes a novel as well as practical border or bedding plant. Pkt. 10c.



Marigold, Harmony

DWARF FRENCH DOUBLE HARMONY—Harmony is in a class with gold medal winners. The flowers are quite different from any other Marigold, Scabiosa-like in formation with tubular deep orange center petals flanked by broad velvety dark maroon-brown guard petals. The plants are dwarf and very early. Pkt. 20c; $\frac{1}{4}$ oz. 30c.

Marigolds (Continued)

FRENCH TALL DOUBLE—These attractive plants resemble those of the African type in so far as foliage is concerned but are more floriferous, bearing smaller flowers. The petals are often flatly ruffled and overlapping rather than being quilled. Height 2-2½ feet. Pkt. 10c; ¼ oz. 25c; oz. 65c.

Royal Scott—A distinct combination of mahogany and gold in symmetrical stripes which radiate from the center of the flower unmistakably mark this plant as one of the most outstanding in its class. Pkt. 15c; ¼ oz. 50c.

FRENCH DWARF DOUBLE—These are dwarf compact bushes 10-12 inches high, truly considered the most noteworthy of the French strains.

Golden Ball—Golden orange. Pkt. 10c; ¼ oz. 25c.

Golden Yellow—Golden yellow with outer row of petals brown. Pkt. 10c; ¼ oz. 25c.

Lemon Ball—Lemon yellow. Pkt. 10c; ¼ oz. 25c.

Robert Beist—Large dark brownish mahogany. Pkt. 10c; ¼ oz. 25c.

Finest Mixed—Pkt. 10c; ¼ oz. 25c; oz. 65c.

DWARF ROYAL SCOT, ALDOUBLE—Special Mention, All-America Selections, 1937. Its growth is dwarf and bushy, every plant of a uniform shape and height of about 10 to 12 in. Color is a rich mahogany and gold in uniform stripes. It is a splendid plant for borders and blooms for a long period from mid-summer until frost. Pkt. 15c; ⅛ oz. 50c.

Marvel of Peru . Four O'Clock

A hardy annual of the easiest culture. Sow in open and then plant to 18 inches apart. Flowers are closed until afternoon; 3 feet.

MIXED—All colors. Pkt. 10c; oz. 25c.

Matricaria . Double White Feverfew

CAPENSIS—Neat, small double white flowers, well adapted for bedding and cutting. Perennial. Height 3 feet. Pkt. 10c.

Matthiola

BICORNIS (Evening Scented Stock)—This old-fashioned annual has no beauty to recommend it, the flowers being a dull, purplish-lilac, but grown for the entrancing fragrance which it emits during the evening. 18 inches. Pkt. 10c; ¼ oz. 25c.

Mignonette

A well-known favorite annual, and no garden is complete without a bed of Mignonette. It is often used for cutting to combine in bouquets with other more pretentious flowers lacking its delicate and pleasing fragrance. It is well to sow at intervals for a succession of blooms. Height 1 foot.

GOLDEN MACHET—Distinct variety of Machet, with massive spikes of golden-yellow blossoms. Pkt. 10c; ¼ oz. 25c.

GOLIATH RED—A vigorous plant, producing giant trusses of flowers on erect, stiff stalks, and surpassing all others in brilliancy of color. Pkt. 10c; ¼ oz. 35c.

MACHET—Of dwarf pyramidal growth, bearing numerous flower stalks, highly colored and very fragrant. Pkt. 10c; ¼ oz. 25c.

SWEET-SCENTED (Reseda Odorata)—The old variety with small spikes, but very sweet scented. Pkt. 10c; oz. 25c.

SPECIAL MIXTURE—All Machet varieties. Pkt. 10c; ¼ oz. 25c.

Mesembryanthemum . See Ice Plant

Mimosa . Sensitive Plant

PUDICA—Curious and interesting plant with globular heads of small pinkish-white flowers; the leaves close and droop when touched or shaken. Annual. 12 to 18 inches. Pkt. 10c.

Mimulus

A half-hardy perennial, growing from 6 to 12 inches high. Useful for window-boxes, etc.; also good for moist, shady situations in the gardens.

MOSCHATUS (Musk Plant)—Fine for hanging baskets, etc.; small yellow flowers; musk-scented foliage. Pkt. 10c.

TIGRINUS (Monkey Flower, Queen's Prize)—Dwarf, bushy plants, with large Gloxinia-like flowers, ranging in color through white, pale yellow, golden, flesh, rose, crimson and maroon; handsomely blotched and striped. Height 1 foot. Pkt. 15c.

Momordica

Very curious annual climbing vines, with ornamental foliage; fruit golden-yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior. Height 10 feet.

BALSAM PEAR (Charantia)—The fruit is pear-shaped, green changing to bright red and has a warty skin; when ripe it bursts open and shows brilliant interior of large carmine seeds. Pkt. 10c; oz. 30c.

BALSAM APPLE (Balsamina)—Round apple-shaped fruit, very fine glossy green foliage. Considered the prettiest of the two. Pkt. 10c; ½ oz. 50c.

Mina

LOBATA—An annual climber of luxurious growth attaining a height of 20 to 30 feet in a season. Produces attractive tube-shaped flowers; the buds being first bright red, then changing through orange-yellow to creamy white when fully expanded. Pkt. 10c.

Myosotis . Forget-Me-Not

Few spring flowers are more admired than the lovely Forget-Me-Not, which is especially effective for mass planting. Perennial and hardy if given slight protection through the winter.

ALPESTRIS ROYAL BLUE—Rich indigo-blue flowers. The finest and most effective dark blue variety; 9 inches. Pkt. 10c; ¼ oz. 40c.

MYOSOTIS DISSITIFLORA—Large rich blue, blossoming early, 8 inches tall and very compact and hardy. Pkt. 10c.

MYOSOTIS PALUSTRIS SEMPERFLORENS—Hardy dwarf, 4 to 9 inches, flowering in early spring until autumn. Ideal for rock garden or edgings. Pkt. 15c; ⅛ oz. 60c.

VICTORIA—A favorite sort, with fine heads of large, clear azure-blue flowers; plants bushy and compact; makes a fine edging or bed. Pkt. 15c; ⅛ oz. 50c.

MIXED—A mixture of blue, rose and white-flowered varieties. Pkt. 10c; ¼ oz. 30c.

Nicotiana . Flowering Tobacco

A half-hardy annual growing 3 feet high, of the easiest culture. The flowers resemble somewhat a petunia, but with a longer tube.

AFFINIS HYBRIDS—Splendid hybrids in blue, red and rose, etc. Pkt. 10c; ¼ oz. 25c.

Nemesia

STRUMOSA GRANDIFLORA (Suttoni)—This hardy little annual about 12 inches high is an excellent edging plant. The plants are covered with dainty flowers in rich warm tones of red, yellow and orange. Often times the lower lobes of the blossoms are beautifully spotted.

Rose, Scarlet, Orange, Blue—Pkt. 20c; ⅛ oz. 85c.

Mixed—Pkt. 15c; ⅛ oz. 60c.

Nasturtiums



Double Sweet Scented Golden Gleam Nasturtium

Since being introduced from Peru, its native country, Nasturtiums have grown steadily in popularity because of the wealth of bloom and seething mass of color furnished. It starts to bloom early and continues late. These splendid flowers with open throats and long spurs are surrounded by circular leaves which should also be included in bouquet work. Their color range is complete with the exception of blue.

HYBRID VARIETIES—In this class are found the newest and most favorite varieties. Their exquisite sweet fragrance, increased number of petals, almost unbelievable color range, and improved plant types have been the factors contributing to their esteemed popularity.

Dwarf Double Golden Globe—Dwarf compact bush with sweet scented double yellow flowers of Golden Gleam. Use it for a dwarf edging plant, for the rockery, for window boxes, or for general garden use. Pkt. 10c; oz. 30c.

Dwarf Double Gem Mixture—New! Dwarf compact gem-like plants are gaily covered with good sized flowers in a remarkably wide and pleasing color range. Pkt. 10c; oz. 25c; ¼ lb. 65c.

DOUBLE SWEET SCENTED

Orange Gleam—New! Semi-dwarf free flowering, producing large uniformly double sweet-scented deep glowing golden or orange flowers. Pkt. 10c; oz. 30c.

Scarlet Gleam—Large fiery scarlet flowers with their interesting double petals 2½-3 inches across are abundantly borne on this semi-dwarf bush. Pkt. 10c; oz. 30c.

Golden Gleam—Beautiful golden yellow, sweet scented, long-stemmed flowers are produced in great number. Pkt. 10c; oz. 25c; ¼ lb. 60c.

Glorious Gleam Hybrids—A wide assortment of remarkable colors are to be found in this sweet-scented strain. Pkt. 10c; oz. 25c; ¼ lb. 60c.

SPECIAL "GLORIOUS NASTURTIIUM COLLECTION"—1 pkt. each of the 6 varieties, 50c.

DWARF SINGLE MIXED—This class forms plants 12-16 inches high and are well adapted for bedding and edging. These large beautiful single flowers are found in a cheerful color range including many beautiful colors. Pkt. 10c; ¼ lb. 45c.

TALL AND TRAILING SINGLE MIXED—Elegant and luxuriant climbers of quick growth. These plants quickly display a wealth of bloom and continue blossoming over a long period. Pkt. 10c; ¼ lb. 45c.

Nemophila . Baby Blue Eyes

These hardy California wild flowers grow around 6 inches high, producing cup-shaped flowers about 1 inch across. They are found in varying shades of blue, maroon, white and scarlet.

Insignis (Baby Blue Eyes)—Pkt. 10c; oz. 30c; ¼ lb. \$1.00; 1 lb. \$3.00.

Mixed—Pkt. 10c; oz. 30c; ¼ lb. \$1.00; 1 lb. \$3.00.

Nigella . Love-in-a-Mist

A compact, free-flowering annual plant growing about 1 to 1½ feet high, with finely cut foliage, curious looking flowers and seed-pods. Of easy culture.

MISS JEKYLL—A lovely variety, bearing on long stems large semi-double flowers of a corn-flower blue, nestling in fine feathery foliage. Pkt. 10c; ½ oz. 25c.

Oenothera . Evening Primrose

Neat plants, with large, saucer-shaped flowers, the blossoms fully expand only late in the afternoon. They are very good for planting in semi-shaded situations.

ANNUAL VARIETIES—Mixed. Pkt. 10c.

LAMARCKIANA—A biennial Evening Primrose of great beauty. It is found growing wild in many parts of California. Height 3 feet. Pkt. 10c; ¼ oz. 20c.



Pentstemon, Giant Gloxinoides Mixed

Pentstemon . Beard Tongue

A hardy perennial but will produce freely spikes of brightly colored and spotted tubular flowers the first year if seed is sown early. They are splendid for garden display, growing 2 feet high, and also furnish invaluable cut flowers.

Carmine Shades.

Rose Shades.

Red Shades.

Violet Shades.

Above separate colors—Pkt. 25c; 1/16 oz. 65c.

Gloxinoides Mixed (Sensation Improved)—Pkt. 15c; 1/16 oz. 45c.

Blue Gem—Flowers are very bright blue, particularly desirable for rockeries, growing 1½ ft. high. Pkt. 15c; ⅛ oz. 50c.

PANSIES



Pansy, Mastodon Jumbo Giants Mixed

Few flowers enjoy such consistent and long enduring popularity as do the Pansies. Our giant-flowering strains will bring joy to your garden. Fall sown seed develop to form strong, sturdy early-flowering plants in spring with an abundance of early showy blossoms.

LAGOMARSINO'S EXTRA LARGE FLOWERING ITALIAN GIANTS MIXED—Our own mixture comprising a beautiful well balanced collection of rare colors. 1/16 oz. \$1.00; pkt. 25c.

MASTODON JUMBO GIANTS MIXED — Beautiful strain of giant flowered Pansies with blossoms up to 4½ inches across. They are early flowering, strong sturdy plants, with good stems and have a choice range of rich bright colors. Pkt. 50c; 1/16 oz. \$2.00.

GIANT RUFFLED MASTERPIECE MIXED — The petals are conspicuously crinkled or ruffled, having the unique feature of appearing double. The color range runs toward the pleasing rich deeper shades. Pkt. 25c; 1/8 oz. 75c.

TRIMARDEAU GIANTS MIXED — A very compact, hardy, free-blooming variety with an outstanding wide color range of delightful cheery shades. Their strong, stiff stems are long and splendid for cutting and are also most excellent for bedding purposes. Pkt. 10c; 1/8 oz. 35c.



Pansy, Lagomarsino's Italian Giant Mixed

ROGGLI or SWISS GIANTS—This strain of Pansies was originated in Switzerland. The blooms are rich and velvety, very large and well rounded, showing large dark blotches on each of the three lower petals and having a most striking and attractive color range. Outstanding in every respect.

Lake of Thun (Ullswater) — Rich ultramarine-blue with dark blue blotches. Pkt. 25c; 1/16 oz. \$1.00.

Berna — Dark blue with purple violet blotches. Pkt. 25c; 1/16 oz. \$1.00.

Alpenglow — Rich velvety cardinal red shades with darker velvety blotches. Pkt. 25c; 1/16 oz. \$1.00.

Rheingold—Golden yellow with rich velvety brown blotch. Pkt. 25c; 1/16 oz. \$1.00.

Mont Blanc—Beautiful white with dark blackest blue blotches. Pkt. 25c; 1/16 oz. \$1.00.

Special Collection—1 pkt. each variety (5 pkts.) \$1.00.

ROGGLI or SWISS GIANTS MIXED—A highly satisfactory strain for many purposes such as bedding, where mass color is wanted, or for separate color exhibition, and also for cut flowers, this will be found one of the most popular and reliable of all strains. 1/16 oz. 75c; pkt. 25c.

Primula . Primrose

This great class of plants includes varieties and types that are popular favorites of many fields. For bedding work, cut flowers and pot plants Primulas are ever beautiful.

MALACOIDES (Baby Primrose) — The flowers are small and dainty and are produced in great profusion in whorls on tall graceful spikes. Plants grow from 8 to 18 inches tall, being very popular bedding subjects. Pkt. 15c; 1/16 oz. 90c.

Rosy Lilac—Delicate shade of lavender tinged rose. Pkt. 15c.

Salmon Rose—A much brighter shade of rose with strong salmon tint. Pkt. 15c.

True Rose—New and especially attractive with its rich carmine pink. The newest and most promising true rose color of the Baby Primroses. Pkt. 25c.

VULGARIS (English Primrose)—This hardy perennial is very showy, having large canary-yellow fragrant blossoms set deep among a wealth of rich green foliage. Pkt. 15c; 1/16 oz. 60c.

AURICULA (Primrose of the Alps)—Blooms early in spring in colors of yellow, brown and red. 6 inches tall. Pkt. 25c.

OBCONICA GRANDIFLORA MIXED — These flowers are of giant size and are found in delicate shades of lavender-pink, salmon-pink, white, crimson, and a fiery glowing red. They make splendid pot plants blooming continuously if not allowed to form seed pods. Pkt. 20c.

VERIS (Cowslip) — This splendid primrose bears "bunches" of richly colored flowers on 6-8 inch stems. The shiny deep green leaves furnish a contrasting background for the mass of color and wealth and quality of their very large flowers. These are indeed outstanding perennials in this splendid class.

Aurea—Golden yellow. Pkt. 25c.

Lutea—Sulphur yellow. Pkt. 25c.

Gold Based—Pkt. 25c.

Coerulea—Pkt. 25c.

Red—Pkt. 25c.

Polyanthus Mixed—Choice large flowers in a wonderful color array. Pkt. 15c; 1/16 oz. 75c.

Petunias

For freedom of bloom, variety and effectiveness of color Petunias have no equal. Their handsome sweet scented flowers in delicate and gorgeous colors will be found in blossom through the spring and summer months and even into the fall. The plants love the sunshine and the various types will be found adaptable to any purpose you may desire.

HYBRIDA—This is a class of bushy, free flowering plants 2 feet in height. Valuable for massing in beds or borders to replace early spring flowers. Their flowers are single and make a very colorful show.

Flaming Velvet—Gold Medal Award 1936 All America Selections. Rich brilliant velvety blood-red. Outstanding in color, uniformity, and type. Pkt. 25c.

General Dodds—Rich crimson garnet. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

Howards Star—Crimson with a clearly defined five-pointed white star. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

Striped & Blotched (Inimitable) — An interesting variety beautifully striped and blotched. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

Choice Mixed—An excellent mixture of good bright colors. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

RUFFLED NANA COMPACTA

Martha Washington—This is a new break in Petunia. Growing about 9 inches high, this compact bush forms a perfect ball effect and is entirely masked with lovely frilled blooms about 3 inches in diameter. The frilled portion of the blossom is a beautiful bluish pink, while the center portion is strongly veined a rich wine red, deepening in the large deep throat. Pkt. 20c.

NANA COMPACTA — A splendid dwarf class for borders, window boxes, pots, and rock gardens.

Pink Gem—These neat compact plants grow 5 to 6 lections. These neat compact plants grow 5 to 6 inches high and 8 to 9 inches in diameter, have 25 to 30 deep pink flowers open at one time, each flower being 2 inches in diameter. Pkt. 15c; $\frac{1}{16}$ oz. 40c.



Petunia, Dwarf Giants Ramona Strain

New Miniature Rose Gem—This is a charming addition to the new miniature groups of Petunias which was started with Pink Gem. Rose Gem is the color which the public has been asking for in this miniature form. It is of the same rich deep rose that made Petunia, Rose of Heaven so popular. The plants are neat and compact, 5 to 6 inches high, and smothered with rich rose colored blooms about two inches in diameter. Pkt. 20c; $\frac{1}{16}$ oz. 75c.

ROSE KING, IMPROVED—Its flowers are a clear, rich rose with a delicate light golden throat, and the 18-inch plants are rather bushy, absolutely uniform, literally covered with blooms. Pkt. 20c; $\frac{1}{16}$ oz. 75c.

HYBRIDA NANA ERECTA—Growing 14 inches tall and very erect, these delightful plants furnish a wealth of dainty superb blossoms. This is an outstanding class of border plants.

Cockatoo—The deep violet-purple blooms interestingly marked with irregular white spots around the petal edges. Pkt. 15c; $\frac{1}{16}$ oz. 40c.

Heavenly Blue or Silver Blue—A beautiful silvery light blue shade. Pkt. 10c; $\frac{1}{8}$ oz. 60c.

Rose of Heaven—A very effective brilliant rich rose. Pkt. 10c; $\frac{1}{8}$ oz. 60c.

Rosy Morn—Soft rose pink with white throat. Pkt. 10c; $\frac{1}{8}$ oz. 60c.

Violacea—Flowers of deep violet. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

Snowball—Pure satiny white. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

Hybrida Nana Erecta Finest Mixed—Wide range of colors in this splendid class. Pkt. 10c; $\frac{1}{8}$ oz. 45c.

BALCONY or TRAILING (Hybrida Pendula) — The Petunias in this class are quite spreading in habit and do well drooping from the edge of window boxes, or hanging over a terrace or wall. The flowers are larger than those of the Hybrid types, and are very rich in color.

Blue, Crimson, Rose, White, Mixed—Pkt. 15c; $\frac{1}{16}$ oz. 50c.

GRANDIFLORA SINGLE FRINGED

—This is a class of good single flowers with beautifully fringed edges. The blooms are rich in color, and are abundantly produced on strong plants 14 inches in height.

Dainty Lady—This is an entirely new color in Petunias, a delicate golden yellow. The plants are neat, compact, semi-dwarf, and free flowering, bearing enormous quantities of delicately fringed light golden yellow flowers through the summer. Pkt. 35c.

Maculata — Bright red, spotted white. Pkt. 20c.

Pride of Portland—Deep rose pink with very fringed petal edges. Pkt. 25c.

Scarlet Beauty — Velvety scarlet shading to rose. Pkt. 25c.

Theodosia—An outstanding variety in this class of rich rosy pink flowers with contrasting golden yellow throat. Pkt. 35c.

Burgundy. Special Mention, All-America Selections, 1937. A large-flowered, plain edged variety (Petunia hybrida grandiflora). The color is a beautiful, velvety Burgundy-red in lovely contrast to the inconspicuous white throat. Pkt. 25c.

Petunias (Continued)



Petunia, Large-Flowered Double

GRANDIFLORA SINGLE PLAIN EDGED

Elks Pride—This is an outstanding rich velvety purple variety with open throat and plain edge. Pkt. 20c.

RUFFLED GIANTS—With Large Veined Throats—This is a strain of very large flowers, distinctly ruffled. Their large deep open throats are heavily veined in a most attractive manner.

Copper Red—Rich coppery red flowers have heavy purple veins in their throats. A very attractive variety. Pkt. 35c.

German Empress—Pale lilac rose with violet blue throat. Pkt. 35c.

King Alphonso—Rich carmine rose with black throat and frilled edges. Pkt. 35c.

RUFFLED MONSTERS—A half dwarf type of erect robust habit. The flowers are very large and ruffled with open shallow throats richly marked and veined. The colors are mostly the desirable red and dark shades. Pkt. 35c.

DWARF GIANTS OF CALIFORNIA—Ramona Strain—(Dark and Light Shades)—This is a dwarf sturdy growing type, especially suited to pot culture. Flowers are beautifully ruffled and fringed with open heavily veined throats. Pkt. 35c.

GIANTS OF CALIFORNIA SPECIAL MIXTURE—This is a well balanced mixture of light and dark colors, including pink and rose shades. Flowers are large, frilled and ruffled with deep attractive throats. This strain grows 10 to 12 inches long on very sturdy plants. The very finest for bedding subjects. Pkt. 30c.

FANCY DOUBLE VARIETIES

Giant Double Fringed Choice Mixed—A strain of double fringed Petunias producing a high percentage of large fully double flowers. Pkt. 50c.

Giant Flowered Plain Double Mixed—A beautiful array of the double darker shades. Pkt. 35c.

Perennial Phlox . P. Decussata

Hardy herbaceous perennial, the individual flowers are similar to the annual variety, but are borne in clusters of 30 to 40 flowers in a tall, stiff stem. Height 2 to 4 feet. Pkt. 10c.

Platycodon . Balloon Flower

Very handsome plants for the perennial border or for planting among shrubbery. Produces very showy flowers which in the bud have the appearance of inflated balloons. Easily grown from seed.

GRANDIFLORA BLUE—Large, steel-blue flowers; 2 feet. Pkt. 10c; ¼ oz. 40c.

Portulaca . Moss Rose, Sun Plant

One of the showiest annual plants, of easy culture, thriving best in an exposed, sunny situation. Of creeping habit, 6 to 8 inches high and bears glossy, cup-shaped flowers of brilliant colors in great profusion.

SINGLE MIXED—All colors. Pkt. 10c; ¼ oz. 25c.

DOUBLE MIXED—A large percentage of the flowers will come perfectly double. Pkt. 15c; ½ oz. 60c.

Phlox Drummondii

Among the most brilliant and easily grown annuals. They bloom over a long period and come in a wonderful range of colors. Will grow in any kind of soil if given a sunny position, but prefer a rich, light loam. Height 6 to 12 inches.

GIGANTEA—ART SHADES—Seed released 1936. A new giant flowered strain with individual florets from 1¼ to 1½ inches across, and in a wonderful range of color in soft art shades with contrasting eyes of white or cream. Pkt. 15c; ¼ oz. 85c.

ALBA—Pure white.

BLOOD RED—Dark red.

CARNEA—Pale pink, with rose center.

CHAMOIS ROSE—Deep pink, yellow center.

SPLENDENS—Bright red, with white eye.

VIOLET—Violet with white eye.

YELLOW—Primrose yellow.

Any of the above 10c per pkt.; ¼ oz. 50c.

COLLECTION—One each of above 7 sorts, 60c.

FINEST MIXED—All colors. Pkt. 10c; ¼ oz. 40c; oz. \$1.25.

Physalis . Chinese Lantern Plant

FRANCHETI—An ornamental plant, forming dense bushes about 2 feet high, producing freely bright orange-scarlet lantern-like fruits. Very interesting. Pkt. 10c.

Physostegia . False Dragon Head

VIRGINICA—One of the prettiest of the hardy perennials bearing erect spikes of delicate pink tubular flowers; 3 feet. Pkt. 10c.

Passiflora . Passion Flower

A very beautiful perennial climber. Grows luxuriantly either from seed or cuttings. Very effective with its attractive sky-blue flowers and rich green foliage. The flowers are later followed with an abundance of handsome fruit. Height 15 to 20 feet. Pkt. 10c.

Pyrethrum

AUREUM (Golden Feather)—Its cut leaves of bright gold radiate a golden glow that brings its popularity. Pkt. 10c; ¼ oz. 25c.

HYBRIDUM—Single and Double Mixed—Hardy perennial, bearing large daisy-like flowers many of which are crested and double, ranging in color from white to deep red; the singles having bright yellow centers. Pkt. 15c; 1/16 oz. 75c.

Poppies

These well known, hardy annuals and perennials flower in great profusion throughout the summer. Both the single and double varieties are very desirable for bedding and borders. The flowers are remarkable for their large size, delicacy of tissue and wide range of bright and dazzling colors. Sow seed in open ground where plants are to remain, as the annual varieties do not bear transplanting, and then thin to 6 to 12 inches. To insure continuous bloom during a long season, the flowers should be cut regularly and no seed pods should be allowed to form.

Single Annual Varieties

ADMIRAL—Large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. The two colors make a fine contrast. Pkt. 10c.

AMERICAN LEGION—Very large flowers of dazzling orange-scarlet. Pkt. 10c.

TULIP POPPY (Papaver Glaucum)—One of the most brilliant; flowers are 3 inches across and brilliant scarlet. Plants 2½ to 3 feet. Pkt. 10c; ¼ oz. 25c.

SHIRLEY MIXED—These have beautiful, satiny flowers in delicate shades of rose, apricot, salmon-pink, and blush, to glowing crimson with a sparkling of blues. The foliage is hairy and finely cut. Pkt. 10c; oz. 40c.

Double Annual Varieties

CARDINAL—Large globular, fringed flowers of intense cardinal red. Pkt. 10c; oz. 30c.

SHELL-PINK—Double peony-flowered blooms, exquisite shade of sea-shell or chamois-pink. Very dainty. Pkt. 10c.

WHITE SWAN—Immense double flowers, beautifully fringed and of purest white. Pkt. 10c; oz. 30c.

RYBURGH HYBRID—The flowers are double and resemble a Giant Carnation, with flat petals overlapping like a Double Begonia. The colors embrace all shades of pink, salmon, orange, etc., all self colors. Pkt. 20c.

DOUBLE CARNATION FLOWERED—Splendid double-fringed flowers; mixed colors. Pkt. 10c; oz. 25c.

DOUBLE PEONY FLOWERED—Large, showy, double globular flowers, resembling a double Peony; mixed colors. Pkt. 10c; oz. 25c.

Hardy Perennial Varieties

Hardy perennials blooming the first season from seed. Graceful, neat habit, with fern-like foliage, bearing brilliant flowers, in endless profusion. Very desirable for cutting, for which purpose pick when in the bud.

ICELAND POPPIES (Papaver Nudicaule)

Sunbeam (New)—Improved strain of Iceland Poppies. Beautiful shades and excellent cut flowers. Pkt. 15c; ¼ oz. 50c.

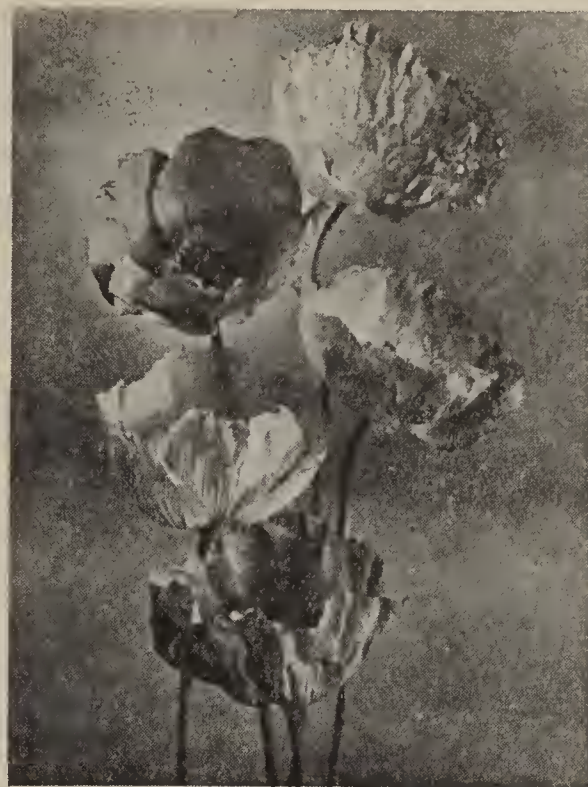
El Monte (New)—Deep tangerine orange. Fine for cutting. Pkt. 15c; ⅛ oz. 50c.

Gartref Strain—This is a beautiful re-selected strain with most of the petals having contrasting thin line dark edges. The flowers are unusually large on wiry stems and in a splendid color range, including shell pink to cardinal, cream yellows to gold tone, and apricot and amber shades. Pkt. 25c.

Pure White—Pkt. 10c.

Iceland Finest Mixed—All colors. Pkt. 15c; ¼ oz. 50c.

YELLOW WONDER (Special Mention, All-America Selections, 1937)—Yellow Wonder is longer stemmed, larger flowered and more vigorous growing than any other Iceland Poppy. The showy, cup-shaped flowers grow about 4 in. across, are rich lemon-yellow; the clear yellow color is made especially vivid by the silky sheen of the broad, round petals. Pkt. 20c; 1/16 oz. 65c.



Iceland Poppies

THE EMPEROR—The Emperor stands forth in a class by itself. It is without a doubt the very finest orange Iceland Poppy ever introduced, with extremely large fluted petaled flowers composed of broad, overlapping petals, many flowers having extra petals. The strong, straight stems are very wiry, 18 to 22 inches long, and bear the large flowers majestically. A perennial, it blooms freely the first year from seed. Pkt. 20c; ⅛ oz. 75c.

ORIENTALE—The large Oriental Poppy. Produces numerous leafy stems about 2½ feet high, with large, orange-scarlet flowers; having a conspicuous black blotch on each petal. Very attractive. Pkt. 10c; ¼ oz. 40c.

PRINCESS VICTORIA LOUISE—A beautiful, salmon-pink Oriental Poppy. Pkt. 15c; ⅛ oz. 75c.

Rhodanthe . Swan River Everlasting

A charming annual; succeeds in a light, rich soil and a warm, sheltered situation. Flowers everlasting. Height 1 foot. Mixed. Pkt. 10c; ¼ oz. 25c.

Ricinus . Castor Oil Bean

Stately, strong-growing annual plants, with very ornamental foliage; well adapted as center plants of groups of Cannas, Dahlias, etc. 6 to 15 feet. Leaves are green or reddish. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

Romneya . California Tree Poppy

COULTERI—Also well known as the Matilija Poppy. A beautiful and stately perennial. The flowers are large, 4 to 5 inches across; pure white, crinkled like crepe paper, with a fine bunch of yellow stamens, resembling white single peonies. Pkt. 10c.

Rudbeckia . Coneflower

BICOLOR SUPERBA—Hardy annuals of the easiest culture producing an abundance of flowers. The flowers have a cone in the center surrounded by yellow and brown petals. Very effective as a cut flower; 3 feet. Pkt. 10c; ¼ oz. 25c.

Ranunculus



Ranunculus, New Giant Florentine Mixed

NEW GIANT FLOWERED FLORENTINE RANUNCULUS—It is very strong and vigorous in habit, with tall stems of bloom 18 to 24 inches in height, each individual flower very large, generally 4 to 5 inches in diameter. The colors are most varied—white, shades of yellow, deep mauve, many shades of pink, rose and crimson, with bronzy shades, some blotched and many picotee edged. Seedlings will generally bloom the first year, but will be at their best the second year from roots formed the first year. Pkt. 15c; 1/16 oz. \$1.00.

Scabiosa

This charming class of annuals and perennials deserves a place of prominence in a border or bed. The light colored stamens protrude from the flowers, giving the appearance of pins stuck in a pin cushion. The beautifully colored flowers are borne on long wiry stems and are well adapted to bouquet work.

LARGE FLOWERED TALL DOUBLE ANNUAL (Old Maids Pincushion, Mourning Bride)—Rich in color and easy to grow, this class of annuals is indeed indispensable for the well planned garden.

Loveliness (New) — Delicate salmon rose shades. Greatly admired at the San Leandro Flower Show. Award of Merit Royal Horticultural Society. Pkt. 15c; 1/4 oz. 50c.

Ageratum Blue—Pkt. 10c; 1/4 oz. 25c.

Peach Blossom — Highly commended by the Royal Horticultural Society of Great Britain. A beautiful shade of peach blossom pink, large size and long stems. An excellent cut flower. Pkt. 10c; 1/4 oz. 25c.

Shasta—A pure white of enormous size, the flowers measuring 3 1/2 inches across with extremely long stems. Pkt. 10c; 1/4 oz. 25c.

Azure Fairy—Clear lavender-blue. Pkt. 10c; 1/4 oz. 25c.

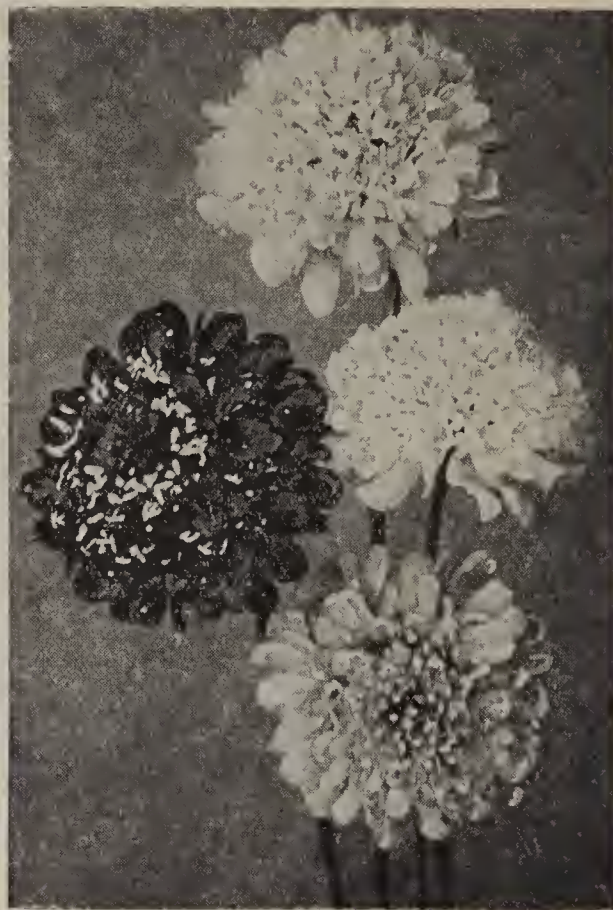
Crimson—Rich rosy crimson. Pkt. 10c; 1/4 oz. 25c.

King of Blacks—Velvety black purple. Pkt. 10c; 1/4 oz. 25c.

Rose—Soft rose color. Pkt. 10c; 1/4 oz. 25c.

Collection—One each of any eight of the above varieties, 50c.

Finest Mixed—All colors of the Improved large-flowering. Pkt. 10c; 1/4 oz. 25c; oz. 60c.



Annual Scabiosa, Mixed

GIANT FLOWERED DOUBLE PERENNIAL — This splendid class of hardy perennials does not grow as tall as the annuals and tends to spread more. The flowers are larger, more ruffled and fringed, not having quite as high a central crest as do the annuals.

Caucasica Giant Hybrids (Isaac House Strain)—This is a greatly improved strain of exceptional vigor with long stems, and strongly doubled, ruffled flowers with petals fringed at the edges. The color varies from light to dark blue with delicate lilac and mauve shades predominating. Finest variety for cutting as well as for the perennial border. Pkt. 25c; 1/16 oz. 65c.

Columbaria Anthemifolia—This is a splendid hardy low growing, 18 inches high, making a clump of fine light green foliage. Pink. Pkt. 15c; 1/8 oz. 75c.



Scabiosa, Giant Hybrids

*Salpiglossis***Salpiglossis**

A half-hardy annual, growing about 3 feet high, and bearing Gloxinia-like blossoms in a very large and unusual range of color. They are splendid for cutting and last well.

Purple and Gold, Scarlet and Gold, Crimson, Rose and Gold, White and Gold, Primrose—Pkt. 10c each.

COLLECTION—One each of above 6 sorts, 50c.

FINEST MIXED—All colors. Pkt. 10c; ¼ oz. 35c.

Salvia . Flowering Sage

Salvia or Scarlet Sage has long been a favorite bedding plant bearing long spikes of flowers in great profusion. Very useful also as hedge or border plants. **SPLENDENS** — Bright scarlet flowers. Pkt. 10c; ¼ oz. 75c.

BONFIRE—A new dwarf scarlet sage of dense, compact growth. Height. 20 to 24 inches. Pkt. 15c; ⅛ oz. 50c.

PATENS—Bright blue flowers. Height 2 feet. Pkt. 20c; ⅛ oz. 60c.

FARINACEA—Perennial, attractive green foliage and beautiful pale blue flowers are borne on long spikes. Very desirable; of easy growth. Pkt. 15c; ⅛ oz. 50c.

Sanvitalia

PROCUMBENS FL. PL.—An annual of dwarf, compact growth; useful in masses in beds, or edges of borders or in baskets, etc. Small double yellow flowers produced in abundance all summer. 6 inches. Pkt. 10c; ⅛ oz. 35c.

Saponaria . Bouncing Bet

OCYMOIDES — Very showy hardy perennial rock plant, producing during the summer months masses of small, bright rose flowers. Nine inches. Pkt. 15c; ¼ oz. 35c.

VACCARIA — A pretty and useful annual variety, grows about 2 feet high, and bears masses of satiny pink flowers somewhat like an enlarged Gypsophila; fine for cutting. Sow in open at intervals for a succession of blooms. Pkt. 10c; oz. 30c.

Saintpaulia . African Violet

IONANTHA GRANDIFLORA — Free blooming and long flowering ideal pot plant. The plants are dwarf with leaves resembling those of Gloxinias. The flowers are a beautiful violet blue with golden anthers resembling very much in form those of the popular garden violet but being larger. Ideal for the house, conservatory, or for protected cool spots in the garden. Pkt. 50c.

Schizanthus . Butterfly Flower

Dainty and free-flowering annuals. Grows 1½ to 2 feet high and covered with bright, showy, butterfly-like blossoms. Of easy culture, coming into bloom quickly from seed.

LARGE-FLOWERING HYBRIDS—Dr. Badger's strain. Pkt. 10c; ¼ oz. 25c.

WISETONENSIS—Profusion of flowers varying from almost white with yellow eye to a brilliant rose with bronzy brown center. Pkt. 25c; 1/16 oz. 65c.

Scarlet Runner Beans

Largely grown for its attractive scarlet flower clusters, but is also quite palatable. Pkt. 10c; ½ lb. 25c.

Sedum . Stonecrop

COERULEUM—A pretty creeping annual with dainty racemes of charming pale blue flowers. A splendid subject for the rockery. Pkt. 25c.

Sidalcea

RYBURGH'S HYBRIDS—Handsome herbaceous perennial producing numerous miniature Hollyhock-like spikes of flowers from June until fall. Flowers come in a wide range of colors. Height 4 feet. Pkt. 15c.

Smilax

A climbing perennial with beautiful, bright green, glossy leaves much esteemed for its long, delicate sprays of foliage. Does well in shady places. Pkt. 10c; oz. 75c.

Snapdragon . See Antirrhinum**Snow on the Mountain . See Euphorbia****Silene Pendula . Catchfly**

Pretty dwarf hardy annual; plants used mostly for borders, growing 6 inches high. Easily grown. Sow seed in fall or spring. Mixed colors. Pkt. 10c; ¼ oz. 25c; oz. 75c.

Solanum . Jerusalem Cherry

CLEVELAND RED—Very useful plants for house or garden. It is of dwarf, branching habit; leaves small and oval-shaped, bearing in the greatest profusion bright scarlet, globular berries. Very ornamental. Pkt. 15c; ¼ oz. 30c.

Stevia Serrata

This is a very free flowering annual and bears a profusion of its pure white fragrant flowers all summer and fall. Largely used for cutting. Pkt. 10c.

Stokesia . Cornflower Aster

CYNEA—This is a beautiful hardy perennial. The plants grow from 18 to 24 inches high, flowering from early summer to late fall. The plant produces 20 to 30 handsome lavender-blue cornflower-like blossoms 4 to 5 inches across on long stems. Valuable for cutting. Pkt. 15c; ⅛ oz. 40c.

Sweet Rocket . Hesperis

This hardy perennial grows 2-3 feet high and bears spikes of showy fragrant white, lilac and purple flowers. It is excellent for naturalizing among shrubbery or for planting in a permanent border. Mixed. Pkt. 10c; ¼ oz. 20c; oz. 50c.

Strawflower . See Helichrysum**Summer Cypress . See Kochia****Sunflower . See Helianthus**



Stocks, Early Giant Imperial

Stocks . Gilliflower

This is one of the most famous and beautiful garden annuals. Large spikes of double rosette-like blossoms are of a rich spicy fragrance. These plants like a rich lime soil, and for best results should be planted early. Continuous growth without interruption during a cool season will give best results. Stocks are splendid plants for cut flowers, and furnish a vivid display in a wide color range in bedding work.

LARGE FLOWERING DWARF TEN WEEKS—This is the leading class for real dwarf bedding and edging plants, growing 10 to 14 inches tall and blooming very early.

Blood Red	Light Blue
Bright Pink	Purple
Canary Yellow	Pure White
Mixed	

Each of above—Pkt. 10c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

Collection—1 each, 6 pkts. separate shades, 50c.

CUT-AND-COME-AGAIN (PERPETUAL BRANCHING or DRESDEN)—Early blooming, bearing large double flowers on the numerous branches. A very popular bedding and cut flower type growing 2 feet high.

Brilliant—Rich fiery blood red. Outstanding.

La France—Flesh pink.

Heatham Beauty—Rose shaded terra cotta.

Canary Yellow—Creamy yellow.

Silvery Lilac—Excellent.

Sapphire—Dark blue.

Snowdrift—Pure white giant flowers.

Pkt. 15c; $\frac{1}{8}$ oz. 60c.

Collection—1 each of 7 separate colors above, 85c.

Finest Mixed—Pkt. 10c; $\frac{1}{8}$ oz. 50c.

EARLY GIANT IMPERIAL (IMPROVED BISMARCK)—This is an especially meritorious class growing 2 to 3 feet tall. The basal branching habit produces many excellent long spikes full of large double flowers.

Rose Pink.

Fiery Blood Red.

Lavender.

Lilac.

Elks Pride (Royal Purple).

Old Rose.

Golden Ball.

Shasta—White.

Santa Maria—White.

Chamois—Ivory tinted old rose.

Antique Copper—Rich Hellebore-red overlaid with copper.

Above separate colors—Pkt. 15c; $\frac{1}{16}$ oz. 50c.

Collection of any 6 pkts. of above, 75c.

Finest Mixed—Pkt. 15c; $\frac{1}{8}$ oz. 75c.

MAMMOTH DOUBLE BEAUTY OF NICE or GIANT PERFECTION—A French strain following Dwarf Ten Weeks season of blooming. The plants branch above the base and are pyramidal in shape, growing 16 inches high.

American Beauty—One of the very finest deep rich carmine rose flowering variety of stock. Very choice. Yellow, Light Blue, Old Rose—Pkt. 10c.



Statice, Everlasting Sea Lavender

Statice . Everlasting Sea Lavender

This is an outstanding class of everlasting flowers, very popular in the garden and for cut flower work.

SINUATA—From a low rosette of leaves arise several stiff angular stalks which branch toward the top, and bear dense flower clusters in graduated rows. **Kampf's Tall Blue**—The clearest, deepest shiny blue of the Sinuata type. Pkt. 15c.

Rosea Superba—Very finest true deep rose. Pkt. 10c.

Yellow (Bonduelli)—Produces numerous heads of bright rich yellow flowers. Pkt. 10c.

Lavender—Pkt. 10c.

White—Pure white. Pkt. 10c.

Mixed—All colors. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

SUWOROWII (Russian Cat-Tail Statice)—This interesting annual plant bears long slender round spikes of densely clustered rose colored flowers. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

PUBERULA—This is a new annual plant, 5 inches high, forming rich dark violet blooms. Pkt. 20c; $\frac{1}{16}$ oz. 75c.

LATIFOLIA—This splendid hardy perennial 2½ feet tall produces large spreading panicles of graceful purplish-blue flowers. Pkt. 15c; $\frac{1}{8}$ oz. 40c.

CASPIA—Beautiful pale lavender colored blossoms on plants 2½ feet tall. Pkt. 15c; $\frac{1}{8}$ oz. 85c.

Mixed—Perennial varieties. Pkt. 10c.

SWEET PEAS

Cultural Directions

Cultural Directions—For early spring flowers, sow Sweet Peas in the fall, October, November and December. For late flowering they can be planted any time during the winter or spring. Prepare the ground by working from 18 to 24 inches deep. Give the ground liberal dressing of manure and bone meal.

Set the seeds not over 2 inches deep and 2 inches apart in a firm bed; do not plant seeds in loose soil. When the plants are out of the ground, thin from 6 to 12 inches apart. Give the young plants good support, so they can climb 4 to 6 feet high—in this way they produce nice, long stems. In hot weather, water frequently. For large flowers apply liquid manure about once a week. Pick flowers daily (even poorest flowers) as this prolongs the flowering season.

Lagomarsino's Giant Late Flowering Spencers

SPECIAL PRICES—Pkt. 10c; 7 pkts. 50c; 1 oz. 30c.

ORANGE, SALMON AND CERISE SHADES

BARBARA—Beautiful shade of salmon.

CELEBRITY—Brilliant orange. Unsurpassed in this color class for vigor, size of flowers, and long stems. Gorgeous under artificial light.

GOOD CHEER—Charming Begonia rose. Very robust; large flowers of clear color on long stems.

MAMMOTH—Orange scarlet.

MRS. A. SEARLES—Rich cerise, bordering on soft Oriental red. Strong growing variety, splendid large blooms.

RED, ROSE, SCARLET AND MAROON SHADES

CRIMSON KING—Pure deep crimson.

CAMPFIRE—Very bright flame scarlet.

FLAMINGO—Brilliant orange-scarlet.

KING MANOEL—Deep maroon.

HONOUR—Rich crimson. This fine English variety bears large, beautifully waved blossoms.

WELCOME—The most dazzling of all the scarlets. Strictly sunproof; robust grower with bold flowers on stout stems.

ROSABELLE—Large, bright rose.

THE SULTAN—Very deep black maroon. Unequalled for depth of color.

LAVENDER, BLUE, MAUVE AND PURPLE SHADES

AUSTIN FREDERICK IMPROVED—Rosy lavender. **ASTA OHN**—Lavender, suffused with mauve; flowers large, of perfect form.

CHIEFTAIN—Mauve.

COMMANDER GADSALL—Deep navy blue

GLENEAGLES—Clear azure blue.

MRS. TOM JONES—Bright, delphinium blue, the best blue.

OLYMPIA—Rich royal purple.

POWERSCOURT—Lavender (lilac).

REFLECTION—Bright delphinium blue.

WARRIOR—Rich maroon flushed with bronze.

WHITE AND CREAM

AVALANCHE—The finest white Sweet Pea. (White seeded).

WHAT JOY—Primrose, shading to cream. So far the nearest approach to a true yellow.

PINK AND CREAM-PINK

ASCOT—Clear, light rose-pink. It furnishes exquisitely frilled flowers of splendid size.

MISS CALIFORNIA—Very distinct shade of salmon pink.

JACK HOBBS—Cream pink, flushed salmon.

DEL MONTE—Rich, salmon cerise pink.

MARY PICKFORD—Cream pink with a faint suffusion of salmon.

PINKIE—Rich rose-pink. This extra vigorous sort is universally accepted as the largest flowering and finest of its class.



Lago Giant Spencer Sweet Pea

PICOTTEE

SUNKIST—Clear cream, edged pink.

YOUTH—Pure white, edged soft pink. One of the largest flowering and most vigorous of all Sweet Peas. Fragrant.

STREAKED AND FLAKED

SENATOR—Wine and maroon stripes and flakes on light background. The distinct coloring of the large flowers arrests attention.

AMETHYST—Bright clear amethyst blue with a slight tinge of mauve on the standard.

DAMASK ROSE—The brightest rose carmine Sweet Pea. This is an outstanding pea.

RUBICUND—Rich crimson scarlet.

RED BOY—The very best crimson.

IVORY PICTURE—Rich ivory cream, flushed pink. Black seeded.

AMBITION—Rich deep lavender, with a darker shade on the base of standard.

GEORGE SHAWYER—A giant orange pink, the standard showing more orange than the wings.

FLORADALE—A most artistic flower of rich salmon-pink on cream ground.

MAYFAIR—The best, largest and richest colored shell-pink on white ground.

SMILES—Clear glistening salmon, best describes this exquisite variety.

SEVTET QUEEN—Pure white flowers of perfect form and of great substance. Black seeded.

LAGOMARSINO'S GOLDEN WEST MIXTURE SPENCER SWEET PEAS

This is our special mixture and is a blend of all the most beautiful colors in Spencer Sweet Peas. Pkt. 10c; oz. 25c; ¼ lb. 65c; ½ lb. \$1.15; 1 lb. \$2.

Sweet Peas (Continued)

Early Flowering Spencer Sweet Peas

These varieties have large, ruffled blossoms of the Spencer type and blossom from four to six weeks earlier than the regular Spencer type.

EARLY BLUE BIRD—Magnificent violet blue; profuse and continuous bloomer.

EARLY AVIATOR—Dazzling crimson.

EARLY COLUMBIA—Large; pink and white.

EARLY HARMONY—Rich, true, deep lavender. Flowers large, beautifully waved, on long stems.

EARLY MRS. KERR—A clear, light orange-salmon. Its exquisite color has made this variety very popular.

EARLY ORIENTAL—Deepest cream yet introduced in this class; flowers of large size.

EARLY MARINE—Dark blue.

EARLY GIANT ROSE—Large rose-pink.

EARLY SPRING SONG — Salmon-pink on cream ground.

EARLY SILVER BLUE—Delicate shade of lavender blue, showing up splendidly in both natural and artificial light.

EARLY SNOWFLAKE—Pure white, long stems, perfect form.

EARLY MEADOW LARK—Deep, rich cream; extra waved.

EARLY SUNRAY—Bright glowing cerise with salmon sheen.

CHRISTMAS CAROL—Soft salmon pink and cream or crushed apricot and rose.

EARLY BELLE—Rose-pink on cream ground.

EARLY APOLLO—Soft salmon-rose, long stems.

EARLY VULCAN—Vivid scarlet, splendid grower.

EARLY PRIDE — Deep cerise, tinged with scarlet. Even brighter than "Glitters", large flowered, more vigorous and much longer stemmed.

Prices—Pkt. 15c; oz. 60c.

LAGOMARSINO'S SPECIAL MIXTURE of Early Flowering Sweet Peas. Pkt. 15c; oz. 40c; ¼ lb. \$1.25.

Cupid Sweet Peas

These Sweet Peas make a uniform growth of about 8 inches high and each plant is about 1 foot in diameter. Used for borders, beds, etc. Mixed colors, pkt. 10c; oz. 30c.

Sweet William . Dianthus Barbatus

A well known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers.

NEWPORT PINK—Watermelon pink or salmony rose color. Very beautiful. Pkt. 10c; ¼ oz. 40c.

SCARLET BEAUTY—Rich, deep scarlet. A rare color in hardy plants and very effective. Pkt. 10c; ¼ oz. 40c.

SINGLE VARIETIES, Mixed—Considered more attractive than the double sorts. Pkt. 10c; ¼ oz. 25c; oz. 75c.

DOUBLE VARIETIES, Mixed—Pkt. 10c; ¼ oz. 30c.
SWEET WIVELSFIELD—(See page 57). Pkt. 15c.

Thalictrum . Meadow Rue

DIPTEROCARPUM—A hardy perennial of vigorous growth, 4 to 5 feet high. Dainty graceful sprays of flowers, elegantly arranged on stems 4 feet high; invaluable for cutting; the flowers are a charming shade of violet-mauve, which is brightened by a bunch of lemon-yellow stamens and anthers. Pkt. 20c.

Tagetes . See Marigold

Tritoma . Red-Hot Poker, Torch Lily

Very handsome and showy border plants. Flowers borne in compact form on stout 3 and 4 foot stems, having the appearance at a distance of orange and red colored spear heads. Hardy perennials. Pkt. 15c.

Thunbergia . Black-Eyed Susan

FINEST MIXED—Beautiful, rapid growing annual climbers preferring a warm, sunny situation. Used extensively in hanging baskets, vases, low fences, etc. Blossoms are buff, orange or white. Height 4 feet. Pkt. 10c.

GIBSONI—A lovely new graceful climber for covering pillar and trellis work in greenhouses, or may be flowered out of doors in summer in mild climate. It has glistening green ivy shaped foliage and flowers of most brilliant glowing orange. Should be started inside. Pkt. (15 seeds) 50c.

Tithonia . Golden Flowers of the Incas or Mexican Sunflower

SPECIOSA—A rare plant from Mexico, throwing up from the root many stout woody stems furnished with rather large foliage. The flowers are large and remind one of an immense single Zinnia and colored a dazzling orange scarlet. It forms a large shrubby plant, flowers over a long period and is especially desirable for planting among shrubs or in the background of wide borders. Pkt. 15c; ¼ oz. 60c.

Torenia . Wishbone Flower

FOURNIERI—A very fine annual; a splendid plant for vases, hanging baskets, borders, etc., covered the entire season with a mass of bloom. Sky-blue, with three spots of dark blue, bright yellow center. 4 to 6 inches. Pkt. 15c; 1/16 oz. 40c.

Ursinia . Jewels of the Veldt

ANETHOIDES—Half hardy annual from South Africa, the flowers remaining open until dark. The dwarf plants form large tufts of fine cut foliage from which spring up long wiry stems carrying orange flowers 2 inches in diameter, each with a deep purple zone around the center. Height 1 foot. Sow in boxes in early spring and transplant to sunny position after danger of frost. Pkt. 20c; ⅛ oz. 75c.

Valeriana . Centranthus

Showy, hardy border plants; producing large corymbs of red or white flowers; fine for bouquets; mixed; 2 feet. Pkt. 10c; ¼ oz. 35c.

Viola Cornuta . Tufted Pansies

Violas or Tufted Pansies are beautiful, showy, and very satisfying subjects in beds, edging, rockeries, or for design work. They are free and continuous bloomers and like a good rich soil. Of compact growth, averaging 6 inches in height, these plants bloom the first year from seed.

APRICOT—A beautiful rich apricot shade, tinted orange toward the center. Pkt. 25c.

JERSEY GEM (Blue Gem)—Splendid violet blue, fine for cutting. Pkt. 25c; 1/32 oz. \$1.00.

BLUE PERFECTION — Light blue, large flower. Pkt. 15c; ⅛ oz. 75c.

PURPLE QUEEN—A fine lilac purple. Pkt. 10c; ⅛ oz. 60c.

PAPILIO PURPLE — A beautiful butterfly shaped flower in deep purple. Pkt. 10c; ⅛ oz. 60c.

PAPILIO LIGHT BLUE—Fine light blue with white eye. Pkt. 10c; ⅛ oz. 60c.

YELLOW (Lutea Splendens)—Fine yellow. Pkt. 10c; ⅛ oz. 60c.

ALBA—White. Pkt. 10c; ⅛ oz. 60c.

MIXED—All colors. Pkt. 10c; ⅛ oz. 60c.

*Verbena Hybrida Grandiflora Royale*

Verbenas

Verbenas rank with the Annual Phlox as border and bedding annuals. They are of the same low, spreading growth, and the fragrant flowers show the same rich variety of color, but they withstand cold weather much better and bloom until very late in the fall. They are fine for mass planting, low borders, vases, window boxes, etc.

HYBRIDA GRANDIFLORA (Gigantea)—A magnificent new strain of Verbena, free blooming, robust habit. The flower trusses are immense, and the individual florets measure as high as an inch across.

Collosea—Rose shades. Pkt. 15c; $\frac{1}{8}$ oz. 50c.

Etna—Garnet red, deep cream eye. Pkt. 15c; $\frac{1}{8}$ oz. 50c.

Lavender Glory—Lavender, cream eye. Pkt. 20c; $\frac{1}{8}$ oz. 70c.

Lucifer—Brilliant scarlet self color. Pkt. 15c; $\frac{1}{8}$ oz. 50c.

Luminosa—Glowing flame pink, white eye. Pkt. 15c.

Rosea Stellata—Rose pink, white eye. Pkt. 15c.

Royale—Royal purple, creamy yellow eye. Pkt. 15c.

Salmon Pink—Pkt. 15c.

Spectrum—New. Intense bright red. Pkt. 15c.

Violacea Stellata—Rich violet, white eye. Pkt. 15c.

White—Pure white. Pkt. 15c.

Finest Giant Mixed—Pkt. 15c; $\frac{1}{4}$ oz. 75c.

MAMMOTH—Golden Queen—Best Yellow. Pkt. 15c.

HYBRIDA DWARF COMPACTA ERECTA — This is a distinct new type of Verbena, very compact, dwarf, and covered with flowers.

Violet Bouquet—Eight inches high and 8 inches in diameter, this plant produces a mass of flowers violet tinged with garnet, changing to deep violet as the flower gets older. Cream eye. Pkt. 20c.

Fireball—Brilliant crimson. Very erect. Pkt. 20c.

Carmine Ball—A perfectly symmetrical plant about 10 inches high and 12 across, completely covered with bright carmine flowers. Pkt. 20c.

FLORADALE BEAUTY—Special Mention, All-America Selections, 1937. Floradale Beauty Verbena is a giant hybrid, the flowers varying from bright rose-pink to deep rose-red of exceptional brightness. Individual florets are of perfect form, fully rounded, and average $1\frac{1}{4}$ in. across; they make up into heads or trusses which measure 4 to 5 in. across. Plants are very free flowering and grow about $2\frac{1}{2}$ ft. across. Pkt. 20c.

Veronica . Speedwell

A hardy perennial producing long spikes of brilliant blue flowers, excellent for growing in shady places requiring plenty of moisture.

LONGIFOLIA—Handsome heads of rich violet-blue. 2 feet. Pkt. 15c.

Vinca . Madagascar Periwinkle

Ornamental, free-blooming plants, with dark laurel-like foliage and handsome pink and white flowers. (The trailing blue Vinca or Myrtle propagates from

Viola Odorata . Violet

SEMPERFLORENS BLUE—A deliciously sweet fragrance radiates from these splendid medium sized blossoms of a rich violet blue color. Very popular in protected cool shady spots in the garden and highly prized as cut flowers. Pkt. 10c.

Virginian Stocks . Cheiranthus Maritimus

These splendid showy little hardy annual plants produce quantities of four petaled single flowers on plants 6 inches high. Their wealth of color in crimson, rose, white, pink and blue shades and their long blooming qualities make them popular favorites in gardens for edgings or for low borders.

CRIMSON GEM—A delightful new carmine crimson. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

ROSE—Beautiful rose shades. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

WHITE—Pkt. 10c; $\frac{1}{4}$ oz. 15c.

MIXED—A splendid live glowing mixture of attractive color. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

*Venidium, Fastuosum*

Venidium

FASTUOSUM HYBRIDS—This strain includes in addition to the deep orange monarch of the Veldt, a wide range of new shades, including buff, lemon, cream, light orange, white and butter yellow flowers. Each petal is artistically marked at the base with a reddish brown dash producing an attractive center, colorful ring with each of those daisy-like flowers. The plants grow 2 or 3 feet tall and bloom over a long period. Its popularity is steadily increasing. Pkt. 25c.



Zinnia, Giant Dahlia Flowered

Zinnia, Scabious Flowered Mixture

Plants 2 to 2½ feet, bearing numerous novel medium sized flowers, remarkably resembling the annual Scabiosa. On a single corona of outside petals stands a semi-globular crown composed of a large number of small florets. A wide range of colors, including crimson, scarlet, orange, yellow, pink, white and purple. Pkt. 15c; ⅛ oz. 45c.

Viscaria . Rose of Heaven

Very showy and effective garden annual, producing freely throughout the summer large, single flowers in red, white and blue shades. Height 12 inches. Mixed. Pkt. 10c.

Wallflower

Blooming early in the spring if given reasonable protection from winter frosts, these hardy annuals are always welcomed with their large spikes of spicy fragrant blossoms.

Blood Red Paris Brown
Creamy White Golden Gem

Belvoir Castle—Spotted yellow.

Pkt. 10c; 5 pkts. 40c; ¼ oz. 30c.

Finest Mixed—Pkt. 10c; ¼ oz. 25c.

DOUBLE EARLY WONDER MIXED—Splendid mixture of large double flowers blooming within 90 days. Pkt. 15c; ⅛ oz. 40c.

Wistaria

CHINESE-FLOWERING—Tall blue climber. Pkt. 15c.

Xeranthemum . Everlasting

Bright and pretty "everlasting", with silvery foliage and silky flowers in pink, white and purple. Double Mixed, pkt. 10c; ¼ oz. 25c.

Wild Flower Garden Mixture

A well-balanced mixture of hardy annuals, suitable for planting in odd corners and vacant lots. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.00.

Cut Flower Garden Mixture

This is made up of all sorts of annual blended to give a continuous succession of cut flowers from early summer until late fall. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.00.

Zinnias

New Giant Dahlia Flowered

For several years past we have been offering these wonderful new Zinnias. This new type of Zinnia far surpasses any that has been offered to the public in past years. The large size, fullness of petals, extraordinary color range, and good keeping qualities of this flower have all contributed to its popularity. The flowers are often 7 and 8 inches in diameter on good, stout stems. Plants are sturdy, very free blooming, and free from disease.

EXQUISITE—By far the most pleasing of our collection. Truly Dahlia-flowered as regards form and size. Color, light rose with center a deep rose. Tyrian rose. Pkt. 15c.

OLD ROSE—This is adequately described by its name, as it is of the real old rose shade; it is large, and for charm and beauty we consider it ranks next to Exquisite. Pkt. 15c.

GOLDEN STATE—A very rich orange yellow (cadmium yellow) in the bud, turning to an attractive orange when in full bloom. Pkt. 15c.

CANARY YELLOW—Rich canary yellow. Pkt. 15c.

CRIMSON MONARCH—By far the largest and best of red shades. Flowers often 8 inches in diameter. Plants very vigorous. A marvelous production of extraordinary merit. Pkt. 15c.

GIANT ATTRACTION—A distinct shade of brick red (spectrum red) which carries its color well from the bud, and forms into an immense ball of color when in full bloom. Pkt. 15c.

SCARLET FLAME—A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal. This is not a bi-color. Pkt. 15c.

METEOR—A rich, glowing deep red (spinel red) and the largest of all the red shades. Pkt. 15c.

ORIOLE—We consider this the most beautiful of its class. It is an immense orange and gold bi-color, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named. Pkt. 15c.

DREAM—A fine, deep lavender, turning to purple (mallow purple), a new desirable shade in Zinnias. Pkt. 15c.

BUTTERCUP—An immense deep creamy yellow. A very desirable flower, which should be included in every collection. Pkt. 15c.

CANARY BIRD—A delicate shade of primrose; very large and holds its color well until out of bloom. Pkt. 15c.

POLAR BEAR—A very large pure white. Pkt. 15c.

COLLECTION of 6 packets of any of the above, 75c.

Any of above separate shades, ⅛ oz. 35c; ¼ oz. 50c.

SPECIAL GOLD MEDAL MIXTURE—A well blended mixture containing the above varieties. Pkt. 15c; ⅛ oz. 30c; ¼ oz. 45c; ½ oz. 75c; oz. \$1.35. (Illustrated front cover.)

Zinnia, Tom-Thumb Mixture

Tom Thumb is the dwarfest Zinnia known. Plants are rounded and compact, 4 to 6 inches high, literally covered with well formed flowers of Lilliput type. Color range includes red, orange, yellow, pink, rose and other pastel shades. Ideal border plant, also well adapted for window box and pot work. Pkt. 15c; ¼ oz. 35c.

Zinnia Mexicana Perfecta

Bearing small double flowers of unusual colorings. Makes a beautiful border. 12 inches. Pkt. 15c; ¼ oz. 50c.



Zinnia, Improved Lilliput

FANTASY, STAR DUST—Award of Merit, All-America Selections, 1937. It has the same shaggy-petaled, medium-sized flower as the mixture—a delicate, graceful bloom. The color is a rich deep golden yellow, one of the vibrant shades closely associated with Zinnias, while the very free flowering, 2½ to 3 foot plants are early blooming, coming into flower about 45 to 50 days from the time of planting. Pkt. 20c; ¼ oz. 65c.

Zinnia, Improved Lilliput or Pom Pom

This is the small pompon Zinnia and one of the most popular for borders, edging, etc.

RED RIDING HOOD—Grows but a foot high of compact form and covered the entire season with button-like intense scarlet, very double flowers, not over an inch across. Very effective for borders. Pkt. 10c; ¼ oz. 30c.

SALMON ROSE — A very fine form of the above, flowers are especially desirable for cutting and used quite extensively by florists for this purpose. Pkt. 15c; ¼ oz. 35c.

ROSEBUD—New rose pink.

DEEP FLESH.

GOLDEN GEM—Golden orange.

CANARY YELLOW.

LILAC GEM.

WHITE GEM.

Pkt. 15c; ¼ oz. 35c.

MIXED—All colors. Pkt. 10c; ¼ oz. 30c; ½ oz. 50c; oz. 85c.

Zinnia Fantasy

Fascinating, recent introduction of an informal shaggy appearing yet graceful and interesting flower. These heads of shaggy ray-like flowers appear in brightest shades of red, yellow, orange and pastel pink and cream. Mixed, pkt. 15c; ¼ oz. 50c.

Miscellaneous Garden Requisites

(Prices are f. o. b. Sacramento. Write for quantity prices.)

Seeders, Broadcast

Genuine Cahoon—A splendid broadcast seeder, wire bound, steel hopper, made of very best material throughout. \$5.50 f. o. b. Sacramento. Weight 8 pounds.

Cyclone—Used extensively for seeding lawn courses, etc. \$2.25 each.

Gopher Traps, Macabee — The well known wire trap that fits the gopher hole. 25c each; postpaid, 30c each.

Pot Labels—Painted

	Weight	Per 100	Per 1000
4-inch	3½ lbs.	\$0.35	\$2.50
5-inch	4 lbs.	.35	3.00
6-inch	4½ lbs.	.45	3.50
8-inch	10 lbs.	.85	7.00
10-inch	12 lbs.	1.10	9.00

Tree Labels—Painted

	Per 100	Per 1000
3½-in. Copper Wired..	\$0.40	\$3.00

Raffia—Extra long strands, fine for tying bouquets, nursery stock, vegetables, etc. Lb. 40c; 10 lbs. \$3.00. Write for prices in larger quantities.

Squirrel Poison, Moore's—(Grain) A certain and specific destruction of gophers, squirrels, crows and mice. Small size 50c; medium size \$1.00; gallon size \$1.90; 5 gallon drums \$5.50. Cannot be mailed.

Tree Protectors

Yucca fibre. Will not split.

		Wt. per	Prices	
Lgth.	Width	100	50	100
24-in.	7-in.	22	\$1.10	\$2.00
18-in.	7-in.	13	.95	1.75
16-in.	7-in.	12	.85	1.50
14-in.	7-in.	10	.80	1.40
12-in.	7-in.	9	.75	1.30



Antrol — An effective control for the honey loving species of ants. Antrol ready-filled set containing 4 filled feeders, 40c. Regular set of 4 containers and 4 ozs. of Syrup 65c. Antrol Syrup, 4 oz. bottle 20c; pt. 50c; gallon \$2.75.

Tree Seal

A grafting or pruning compound used just as it comes from the can — no bother about heating, etc. Tree Seal is applied cold from the can; all it requires is the addition of water to make the proper consistency.

Tree Seal is acid and alkali resistant. It can also be used in other ways such as roof repairs, either metal, wood or paper, waterproofing cement, and treating posts, lumber or metal for use underground.

This material can be mailed. One pint can 30c; 1 quart can 50c; 1 gallon can \$1.80, f. o. b. Sacramento.

Taps — Gets rid of snails, sowbugs, earwigs, cutworms and grasshoppers. Container has new Zip-o-Pen Spreader Spout, for convenient spreading. 1½-lb. pkg. 25c; 4-lb. 60c; 15-lb. \$1.95; 50-lb. \$4.50.

Dogzoff—It will save you many annoyances and much damage. It is recommended for dogs, cats, moles, mice, rabbits, etc. Dogzoff will afford you freedom from these various pests. Dogzoff is very efficient and a little goes a long way. Bottle, 65c.

Antrol Ant Powder — This new improved powder kills ants, roaches, silverfish and other pests quicker by actual test. Packed in handy shaker, twist-top can. Recommended for quick temporary relief in apartments, camps, summer homes, etc. 1¼-oz. can 15c; 3-oz. can 30c.



Snarol — An effective bait for controlling cutworms, grasshoppers, snails, slugs, and sowbugs. Not injurious to plants. 1½ lb. 25c; 4 lbs. 60c; 15-lb. bag \$1.95; 50-lb. bag \$4.75.

NURSERY STOCK

(Prices Quoted are f.o.b. Sacramento)

APPLES

4 to 6 feet, 55c each

Bellefleur—Very large. One of the most prolific varieties.
Delicious — Oct.-Nov. Large; dark red; long keeper.
Early Harvest—July-August. Medium size, good bearer.
Gravenstein — July-Aug. Vigorous tree. Popular early variety.
Newton Pippin—Best winter apple in California.
Red Astrachan—July-August. Large size, abundant bearer.
Spitzenberg — Large, juicy, delicious rich flavor.
Winter Banana — Oct.-Nov. Early bearer and very productive.

APRICOTS

4 to 6 feet, 50c each

Blenheim—California's leading apricot for canning, drying and market. Large and oval.
Newcastle — May-early June. Best early variety. Medium size, round.
Royal—June. Standard variety for canning and drying.
Tilton — July. Popular commercial variety for valley growing. Heavy regular bearer

CRABAPPLES

4 to 6 feet, 55c each

Red Siberian—August. Fruit small. Bears young and abundantly.

CHERRIES

4 to 6 feet, 50c each

Bing — June. Best shipping variety. Large, deep maroon to black. Firm. Vigorous grower.
Black Republican—Large size. Very good shipper. Ripens very late. Excellent pollinizer.
Black Tartarian—Late May. Largest size. Unexcelled for flavor. Very productive.
Burbank—May. Real early variety. Large; vigorous grower with dense foliage.
Lambert—Late June. Largest size. Valuable for prolonging cherry season.
Royal Ann—Standard canning variety. Very large. Rapid grower; prolific bearer

CHESTNUTS

3 to 4 feet, \$1.75 each

Quercy—Nuts large, round and glossy. Best commercial variety. Heavy bearer.

ALMONDS

4 to 6 feet, 50c each

Drake's Seedling—Medium large. Medium soft shell. Late ripener. Important commercial variety.
IXL—Large size. Soft shell. Good quality. A strong grower in most sections.
Ne Plus Ultra—An early and heavy producer. Soft shell. Vigorous producer.
Nonpareil—California's most popular variety. Medium size. Very thin shell. Good grower.

FIGS

4 to 6 feet, 50c each

Mission (Calif. Black)—An old and popular variety. Bears immense crops.
Kadota — Aug.-Sept. Best for canning, preserving and pickling. Medium size.
White Adriatic—Aug. A standard variety for drying. Medium size, roundish.

NECTARINES

4 to 6 feet, 50c each

Gower—July. Standard shipping variety.

ety. Extra large. Early and good bearer.
Stanwick—Aug. California's leading all around variety. Heavy producer; large fruit.

OLIVES

Each, \$1.50

Oscolano—Large Italian olive. Strong grower. Sells commercially as Queen Olive.
Manzanillo—One of the best pickling olives. Early ripener. A regular prolific bearer.
Mission—Hardy heavy producer. A popular oil variety. Medium size; fine flavor.

PEACHES

4 to 6 feet, 50c each

FREESTONE

Alexander—June. Leading early shipping variety. Medium to large size.
Early Crawford—July. Long a favorite. Large peach of excellent quality.
Elberta—July. A favorite everywhere for shipping, drying and canning. Good bearer.
Hale's Early—Early July. Popular for home orchard and local market.
J. H. Hale—July. Best shipping peach on market. Extra large size.
Late Crawford—August. Best eating peach. Ripens early. Highly recommended.
Mayflower—Late May-June. Earliest variety. Medium size. Hardy.

CLINGSTONE

Orange — Very large. Popular for home canning.
Peak — Early August. Mid-summer canning peach. Widely planted variety.
Phillips—September. Standard canning peach. Large, yellow, round.
Tuscan—July. First of canning clings to ripen. Good size. Excellent for shipping.

PLUMS

4 to 6 feet, 50c each

Beauty—June. Earliest commercial variety. Medium to large. Vigorous grower.
Climax—Middle June. Finest eating plum. Large. Heavy producer.
Greengage — Medium size, round. Highly recommended for canning.
President—Sept. Excellent late shipping plum. Large. Good money-maker.
Santa Rosa—Late June. California's leading shipping plum. Large size.
Satsuma—Aug. Excellent for jams, etc. Ships and keeps well.
Tragedy—July. Earliest European plum. Very rich and sweet.

PRUNES

4 to 6 feet, 50c each

French—Grown extensively in California for drying. Prolific bearer.

POMEGRANATES

4 to 6 feet, 50c each

Wonderful—The only variety of commercial value. Large; highly colored.

PEARS

4 to 6 feet, 50c each

Bartlett—July-Aug. Most widely cultivated variety for fresh shipment, canning and drying.
Winter Nelis—Nov.-Dec. Medium to large size. Exceedingly prolific.

PERSIMMONS

4 to 6 feet, \$1.25 each

Hacheya—Considered the best variety. Large, oblong.

QUINCE

4 to 6 feet, 50c each

Pineapple—Apple shaped; large, clear yellow.

WALNUTS

4 to 6 grade, \$1.50

Eureka—Popular in northern California. Nuts are large and oblong.
Franquette—Most important commercial variety. Large. Medium thin shells.
Mayette—An abundant bearer. Large roundish nuts.
Payne Seedling — Extremely early bearer. Important commercial variety. Large size; thin shell.

BERRIES

Cory Thornless Blackberry—Excellent for home garden. Fruit is very large. 15c each; \$1.50 doz.
Gooseberry — Medium size berry of good quality. Popular commercial variety. 15c each; \$1.50 doz.
Loganberry—Large, dark red berry. Ships well. Excellent for canning, jams and jellies. 15c each; \$1.50 doz.
Raspberries—Choose from the following five most popular varieties for garden and commercial use: **La France**, **Cuthbert**, **St. Regis**, **Early King** and **Black King**. 10c each; \$1.00 doz.
Strawberries—**Oregon Plum** and **Banner**, 25c doz., \$1.50 per 100; **Mastodon** **Everbearing**, 35c doz., \$2.50 per 100; **Rockhill** **Everbearing**, the finest everbearing variety, large berry and productive, 75c doz., \$5.00 per 100.
Youngberry — Important both commercially and for home garden. Fruit is large, reddish black. Vigorous and prolific. 15c each; \$1.50 doz.

BOYSENBERRY

The New Sensation!

The largest of all berries, being 1 inch through and 1½ inches long . . . of unequalled deliciousness and flavor. Heavy bearer, carrying the fruit in large clusters. A good idea of the profits that Boysenberries offer you can be gained from the fact that the regulation basket will hold only about half as many Boysenberries as Youngberries. 20c each; \$1.80 per doz.

GRAPES

Choose from the following recognized standard varieties:

Table and Raisin 15c each; \$1.50 doz.

Cornichon—October.
Emperor—September-October.
Gros Coleman
Malaga—September.
Muscat—September.
Olivette Blanche—September.
Rose of Peru—September.
Thompson Seedless—September.
Tokay—September.
Ribier

Wine Varieties 15c each; \$1.50 doz.

Alicante Bouchet—Black.
Carignane—Black.
Mission—Black.
Zinfandel—Black.

American Varieties

20c each; \$2.00 doz.
Catawba, **Concord**, **Isabella**, **Niagara**.

CITRUS TREES ½ to ⅝ in. Caliper.

GRAPEFRUIT—Marsh Seedless, \$2.25 each.
LEMON—Eureka, \$2.25 each.
ORANGES—Washington Navel, \$2.25 each. Valencia, \$2.25 each.

SEND FOR OUR PRICE LIST ON ALL KINDS OF SHRUBBERY!

INSECTICIDES AND FUNGICIDES

Prices on Insecticides and Fungicides are f. o. b. Sacramento unless otherwise noted. Write for quantity prices

Arsenate of Calcium—1 lb. 30c; 4 lbs. 60c.

Arsenate of Lead — Kills insects quickly without injury to fruit or foliage. 1 lb. 35c; 4 lbs. 85c.

Dry Lime Sulfur—The original Dry Lime Sulfur. A superior lime sulfur spray for the control of many scale insects and fungus diseases of fruit trees, nuts and bush fruits. 1 lb. 35c; 5 lbs. \$1.45.

Fungi-Bordo—The best remedy for blotch, bitter rot and anthracnose of apples; apricot brown rot, cherry leaf spot, tomato leaf spot, blight and leaf hoppers of potatoes, celery blight and many other fungus diseases. 1 lb. 35c; 4 lbs. 75c.

Dusting Sulphur — Mildew is more easily prevented than cured and there is no better preventative than Anchor Brand Sulphur. 1 lb. 15c; 2 lbs. 25c.

Nico Dust No. 10—10% Black Leaf 40. 1-lb. pkg. 45c; 5-lb. pkg. \$1.45. Send for Nico Dust Insecticide Chart.

Cyanogas A-Dust—For the control of large red ants, gophers, etc. 4 oz. 30c; 1-lb. pkg. 75c; 5-lb. pkg. \$2.50.

Semesan—A seed, plant and soil disinfectant. It will successfully prevent or control diseases of seeds without in the least impairing their vitality. 2-oz. tin 35c; 1 lb. \$2.25; 5 lbs. \$9.90.

Semesan Bel—Semesan Bel will prevent or control the common seed-borne potato diseases. Also very effective in treatment of Gladioli and other bulbs, and produces healthier plants. 4 oz. 45c; 1 lb. \$1.65; 5 lbs. \$6.75.

Semesan Jr. — A less expensive but equally effective form of Semesan for dry dust disinfection of seed corn only. Controls diseases and at the same time increases yields from 10 to 40%. 4 oz. 35c; 1 lb. \$1.00; 5 lbs. \$4.75.

Tree Tanglefoot—A stick substance that may be applied to the bark of trees to protect them from all climbing insects. Lb. can 60c; 5 lbs. \$2.75; 10 lbs. \$5.25, f. o. b. Sacramento.

Evergreen — A non-poisonous spray that can be mailed. Evergreen is recommended for use against both sucking and chewing insects such as plant lice, cabbage worms, cut worms, thrip, cucumber beetle, rose chafer, 1 oz. 35c; 6 oz. \$1.00.

Volck, "Nursery"—It is effective on practically all insects on ornamental and flowering plants, red spider, aphid, scale, mealy bug, etc. 1 pt. 50c; 1 qt. 75c; 1 gal. \$2.00; 5 gals. \$5.00.

Volck, "Garden" — Contains volck, nicotine and soap; for mealy bug, scale, red spider, white fly, aphid, etc. 3½ oz. 35c; pint 85c; quart \$1.25; gallon \$3.00.

Cryodust—For chewing insects. Unusually effective for diabrotica beetles on melons and flea beetles on tomatoes. Also for worms on tomatoes, lettuce, cabbage, cauliflower, peas, corn, celery—in fact, all vegetable crops. 12 oz. 35c; 5 lbs. 65c.

Red Arrow Garden Spray—Effective against chewing and sucking insects. Non-poisonous when used as directed. 1-oz. bottle, 35c; 5-oz. bottle, \$1.00.

FERTILIZERS

Prices quoted f. o. b. Sacramento. If interested in quantities larger, write for prices and we will quote the current prices on quantity lots.

BEARMOR . The Modern Plant Food

Plants being living, growing things, require certain food materials. Bearmor not only supplies these important essential items which are so often lacking in the soil, but supplies them in the proper proportions. Thus Bearmor is termed a Balanced Plant Food. Vegetable gardens need liberal amounts to produce healthy, rapid succulent growth. Flowers also need abundant food in order to insure vigorous, colorful blooms. Proper application of Bearmor will keep your lawns in a beautiful state the year around. Instructions for application are in every bag.

8 oz. Package.....	\$.10	25 lb. Bag.....	\$1.40
2 lb. Package.....	.25	50 lb. Bag.....	2.25
10 lb. Package.....	.70	100 lb. Bag.....	3.75

Cottonseed Meal—Used for fertilizing acid loving plants such as Rhododendrons, Azaleas, etc. 2½ lbs. 30c.

Vigoro—A complete fertilizer suitable for lawns, gardens, etc. 1 lb. 10c; for lawns, gardens, etc. 12 ozs. 10c; 5 lbs. 45c; 10 lbs. 70c; 25 lbs. \$1.40; 50 lbs. \$2.40; 100 lbs. \$3.75.

Bonemeal — Recommended to apply around fruit trees and shrubbery when first set out. Gives the plants a good start and insures strong growth. Also for roses. 2½ lbs. 20c; 10 lbs 45c; 25 lbs. \$1.00.

Hydrated Lime—The constant watering of lawns tends to sour the soil and eventually the lawn becomes foul with sorrel, Creeping Charlie, and other weeds which thrive in an acid soil. This condition may be improved by applying Hydrated Lime. 10-lb. bag 25c; 50-lb. bag \$1.00; 100-lb. bag \$1.50.

Gypsum — Gypsum brings about a mechanical change in the soil by making it more pervious to water and air. Very heavy adobe soils are much improved with an application of Gypsum which loosens it and this condi-

tion tends to prevent packing and baking. 100-lb. sack \$1.25; 5 sacks \$1.10 per sack.

Sheep Manure — Lago Brand sheep manure. It may be used for mulching lawns or as a fertilizer and the results are very satisfactory. 80-lb. bag \$1.25.

Stim-U-Plant—A concentrated fertilizer in tablet form. Excellent for house plants. Full directions with each package. 10 tablets 10c; 30 tablets 25c; 100 tablets 75c, postpaid.

Sulphate of Ammonia—A fine fertilizer for lawns. Best applied in liquid form. 2½ lbs. 25c; 10 lbs. 60c.

Peat Moss (Imported Swedish) — An excellent material for many purposes—such as mulching, covering of seed beds, for applying in flower beds, etc., to keep soil from baking and also for loosening heavy soils. One bale covers 360 square feet 1 inch deep. \$3.50. Price subject to change.



HOT CAPS — Sage Hi Caps

THEY PROTECT PLANTS FROM FROST, WIND, RAIN, INSECTS, AND GROUND CRUSTING, THEREBY PRODUCING QUICKER CROPS

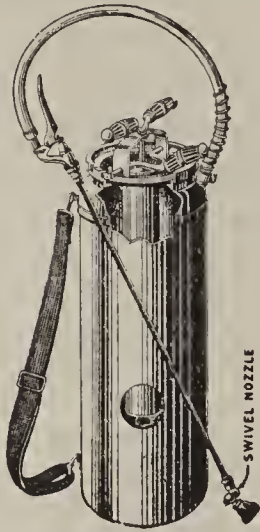
SAGE HI CAPS represent a big improvement in hot caps. These caps are stronger and taller, and will accommodate a wider variety of plants including tomatoes and peppers. The ventilation hole in the top also affords opportunity for dusting without disturbing the cap. We are confident you will be more than satisfied with these splendid hot caps.

PACKED IN FLAT ENVELOPE SETTER—20 Caps, per envelope, 50c; 50 Caps, per envelope, \$1.00.

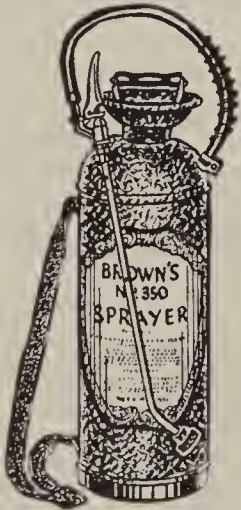
PACKED IN CARTON—250 Caps, per carton, \$3.75; 1000 Caps, per carton, \$8.00. Light weight aluminum Setter, each, \$1.50.

BROWN'S SPRAYERS AND DUSTERS

Note the many new features of this New Open-Hed Sprayer: Electrically welded seams make it a practically seamless "one-piece" tank. . . Galvanized After Tank is fabricated, completely coated inside and out—all seams and joints locked with hot galvanize. . . . Double Acting Pump Lock, is quickly, easily and safely locked or unlocked. . . . Tank Opening is 5 inches in diameter, can easily be wiped dry to lengthen life of sprayer. . . . Tank guaranteed for 100 lbs. pressure. . . . Rubber Double Grip Pump Handle, both hands can be used for pumping. . . . Pump Unit completely assembled. . . . Swivel Nozzle, can be adjusted to any angle. Will handle all types of spraying solutions. Fully guaranteed.



No. 4B, Brass, 4-gal. capacity.....\$12.50—\$12.75 Postpaid
No. 4D, Galvanized, 4-gal. capacity.. 8.00— 8.25 Postpaid
No. 3B, Brass, 3-gal. capacity..... 11.25— 11.50 Postpaid
No. 3D, Galvanized, 3-gal. capacity.. 7.25— 7.50 Postpaid

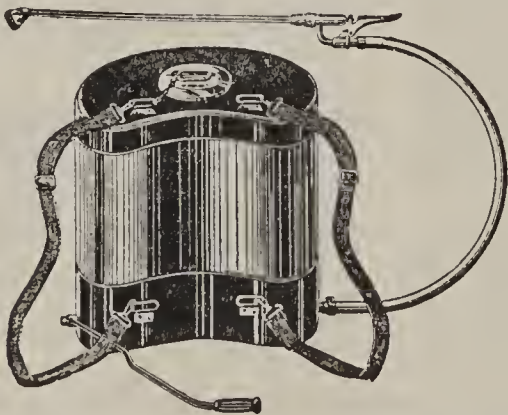


An inexpensive, small capacity sprayer with these fine features: Funnel Shaped Filler Opening, for easier filling—tank can be drained absolutely dry. . . . Long life, of air sealing gasket insured in pump top construction. . . . Riveted and Soldered Seam for greater strength. . . . All Metal Check Valve for durability, seamless brass pump. . . . All Metal Shut-off, with ground valve seat and brass stem—will outlast other type shut-offs. . . . Drain Dry Feature, prolongs life of sprayer. . . . Non-Clog Nozzle, insures free liquid flow.

The Blue Ribbon, Jr. (not illustrated) is of the same type as the above sprayer, but is of only 2 gallons capacity. An excellent economical sprayer of small capacity.

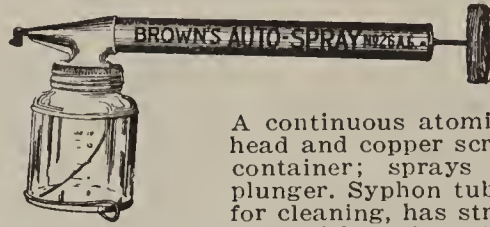
The Challenger (not illustrated) is a more economical compressed air sprayer of 3½ gallons capacity. Fully equipped; will handle all spraying solutions.

No. 350, Galvanized, 3½-gal.....\$4.95—\$5.20 Postpaid



A new Vermorel type sprayer, made of either brass or galvanized steel, which easily maintains about 40 lbs. pressure by slowly moving pump lever up and down when sprayer is on operator's back. Has large diaphragm pump to maintain constant pressure. Easily filled through large filler opening in tank top. Has long ¾-in. 5-ply spray hose, with automatic shut-off, 25-in. angle extension and screen. Non-clog nozzle. Carrying straps are extra wide so that they will not cut into shoulders. Capacity, full 4 gallons.

Gold Medal B, Brass Tank.....\$14.50—\$15.00 Postpaid
Gold Medal D, Galvanized Tank\$12.50—\$13.00 Postpaid



A continuous atomizer made with brass head and copper screw cap holding glass container; sprays in both strokes of plunger. Syphon tube is quickly removed for cleaning, has straight and angle nozzles with lock nut for securing angle nozzle at correct angle. Valve is easily accessible for cleaning. Capacity, one quart.

For all spraying purposes; in the garden, for use in greenhouse, for spraying disinfectants, insecticides, etc.

No. 26 B. G.....\$1.35—\$1.45 Postpaid



A continuous sprayer. Made in two styles. No. 315, all tin, No. 335, seamless brass pump with solid copper container. Valve and syphon tube are easily cleaned. Has straight and angle nozzles with lock nut for securing angle nozzle at proper angle. Will handle all disinfectants, insecticides, fly sprays, etc. Capacity, 1 qt.

No. 315\$0.95 \$1.05 Postpaid
No. 335 2.25— 2.35 Postpaid



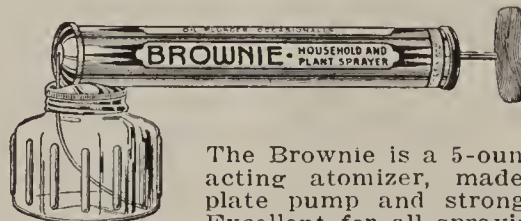
The Crystal Duster is one of the best hand dusters made. Made with heavy tin pump, glass container, efficient agitator and long extension with fan-shaped spreader nozzle. The volume of dust expelled may be controlled by the force used in pumping. Agitator keeps dust in constant motion and breaks all lumps; dust will not adhere to glass container. \$1.45—\$1.60 Postpaid.



A single action atomizer of one quart capacity, made entirely of heavy tin plate with brass filled thread to prevent cap from rusting in container. Designed

to handle all insecticides, disinfectants, fly oils, cattle sprays, etc.

No. 14, 1-quart capacity.....40c—50c Postpaid
No. 12, 1-pint capacity.....35c—45c Postpaid



The Brownie is a 5-ounce capacity single acting atomizer, made with heavy tin plate pump and strong glass container. Excellent for all spraying purposes.

20c—30c Postpaid



The No. 5 Auto Spray is one of the best bucket pumps manufactured. It is constructed entirely of brass, with bronze ball valves. It is double acting,

spraying on both strokes of the plunger, and will generate a pressure of over 250 pounds with very little effort. For spraying trees, shrubs, vines, field crops, for whitewashing, for spraying disinfectants, etc.

Can be supplied with 5-gallon knapsack; made of strong galvanized steel, which is easily carried on the back.

\$3.75—\$4.00 Postpaid

VEGETABLE CALENDAR FOR THE HOME GARDEN

83

VARIETY	No. of Plants Per Ounce of Seed	Seed for 50 Feet	Rows Apart	Apart in Rows	Time of Planting	Ready For Use
Artichoke.....	200	12 plants	4 ft.	4 ft.	Dec. to April	5 mo.
Asparagus.....	150	50 roots	20 in.	1 ft.	Dec. to April	2nd spring
Beans, Bush.....	50 to 100	2 pkts.	2 ft.	6 in.	March to Sept.	8 to 12 wks.
Beans, Pole.....	50 to 100	2 pkts.	3 ft.	12 in.	April to Aug.	10 to 12 wks.
Beans, Lima.....	30 to 60	¼ lb.	2 ft.	10 in.	April to Aug.	12 to 14 wks.
Beets.....	300	1 pkt.	10 in.	6 in.	All year	10 to 12 wks.
Cabbage.....	2000	36 plants	20 in.	15 in.	All year	14 to 16 wks.
Carrot.....	1500	1 pkt.	10 in.	Sow	All year	8 to 10 wks.
Cauliflower.....	2000	30 plants	20 in.	18 in.	Sept. to March	14 to 16 wks.
Celery.....	.....	100 plants	20 in.	6 in.	March to Aug.	16 to 18 wks.
Corn, Sweet.....	100	1 pkt.	2 ft.	18 in.	March to Aug.	10 to 12 wks.
Cucumber.....	200	1 pkt.	4 ft.	3 ft.	March to Sept.	10 to 12 wks.
Endive.....	1000	1 pkt.	1 ft.	10 in.	Sept. to March	14 to 12 wks.
Eggplant.....	500	24 plants	2 ft.	2½ ft.	April to July	10 to 12 wks.
Kale.....	1000	30 plants	2 ft.	18 in.	All year	8 to 10 wks.
Kohl Rabi.....	1000	1 pkt.	10 in.	Sow	All year	10 to 12 wks.
Lettuce.....	200	1 pkt.	15 in.	10 in.	All year	12 to 16 wks.
Muskmelon.....	200	1 pkt.	4 ft.	3 ft.	March to July	14 to 18 wks.
Watermelon.....	100	1 pkt.	6 ft.	4 ft.	March to July	16 to 20 wks.
Okra.....	150	1 pkt.	2 ft.	18 in.	April to July	10 to 12 wks.
Onion Seed.....	500	1 pkt.	10 in.	Sow	All year	24 to 28 wks.
Onion Sets.....	.....	1 lb.	10 in.	3 in.	All year	14 to 18 wks.
Parsnips.....	300	½ ounce	2 ft.	Drill	Aug. to March	14 to 18 wks.
Parsley.....	400	1 pkt.	10 in.	Sow	All year	12 to 14 wks.
Pepper.....	1000	30 plants	20 in.	18 in.	April to July	10 to 12 wks.
Potatoes.....	.....	5 lbs.	2 ft.	1 ft.	March to Aug.	12 to 14 wks.
Sweet Potatoes.....	.....	50 plants	3 ft.	1 ft.	April to July	10 to 12 wks.
Pumpkin.....	100	1 pkt.	6 ft.	5 ft.	April to July	12 to 14 wks.
Peas.....	50	¼ lb.	2 ft.	Sow	Sept. to March	14 to 20 wks.
Radish.....	500	1 pkt.	10 in.	Sow	All year	4 to 8 wks.
Rhubarb Roots.....	.....	24 roots	3 ft.	2 ft.	Dec. to March	8 to 10 wks.
Roselle.....	150	1 pkt.	3 ft.	2 ft.	April to May	18 to 20 wks.
Salsify.....	200	1 pkt.	10 in.	Sow	Sept. to March	14 to 18 wks.
Spinach.....	200	1 pkt.	12 in.	Sow	Sept. to April	8 to 12 wks.
Squash, Summer.....	100	1 pkt.	3 ft.	3 ft.	April to Aug.	10 to 12 wks.
Squash, Winter.....	100	1 pkt.	6 ft.	4 ft.	April to Aug.	12 to 16 wks.
Tomato.....	1000	18 plants	4 ft.	3 ft.	March to Aug.	12 to 14 wks.
Turnip.....	2000	1 pkt.	10 in.	Sow	Sept. to March	10 to 12 wks.

VEGETABLE CALENDAR FOR FIELD PLANTING

VARIETY	Seed Per Acre	Row Apart	Apart in Row	When to Plant	Time to Mature
Artichoke.....	1 lb.	5 ft.	4 ft.	Oct. to Jan.	18 to 20 wks.
Asparagus, Roots.....	11,000	4 ft.	1 ft.	Dec. to Feb.	1 year
Asparagus, Seed.....	3 lbs.	2 ft.	Drill	Feb. to March	2 years
Beans, Bush.....	40 lbs.	2 ft.	Drill to 6 in.	March to Aug. 1	8 to 12 wks.
Beans, Pole.....	30 lbs.	3 ft.	12 in.	April to July 1	10 to 12 wks.
Lima, Bush.....	50 lbs.	32 in.	Drill to 6 in.	April to Aug. 1	10 to 12 wks.
Lima, Pole.....	40 lbs.	3 ft.	12 in.	April to Aug. 1	12 to 14 wks.
Beets, Table.....	10 lbs.	Double row	Drill	All year	10 to 12 wks.
Beets, Stock.....	8 lbs.	16 in.	Drill	Oct. to May 1	14 to 18 wks.
Carrots, Table.....	3 lbs.	Double row	Drill	All year	10 to 12 wks.
Carrots, Stock.....	3 lbs.	16 in.	Drill	Oct. to May 1	12 to 18 wks.
Cabbage, Plants.....	8,000	30 in.	18 in.	All year	14 to 16 wks.
Cabbage, Seed.....	5 oz.	8 in. seed bed	Drill	All year	20 to 26 wks.
Cauliflower, Plants.....	7,000	3 ft.	2 ft.	May to Feb. 1	14 to 16 wks.
Cauliflower, Seed.....	5 oz.	8 in. seed bed	Drill	May to Feb. 1	20 to 24 wks.
Celery, Plants.....	30,000	30 in.	6 in.	March to Aug. 1	16 to 18 wks.
Celery, Seed.....	¼ lb.	8 in. seed bed	Drill	March to Aug. 1	24 to 26 wks.
Corn, Sweet.....	10 lbs.	3 ft.	18 in.	March 1 to Aug. 1	10 to 12 wks.
Cucumbers.....	2 lbs.	4 ft.	3 ft.	March to Sept. 1	10 to 12 wks.
Endive (Chicoree).....	2 lbs.	Double row	Drill and thin to 10 in.	Sept. to Feb. 1	14 to 18 wks.
Eggplant, Plants.....	7,000	3 ft.	2 ft.	April to July 1	10 to 12 wks.
Eggplant, Seed.....	¼ lb.	Hot bed	8 in.	Dec. to Feb. 1	18 to 20 wks.
Kale.....	2 lbs.	3 ft.	Drill	Sept. to March 1	8 to 10 wks.
Kohl Rabi.....	2 lbs.	Double row	Drill	Sept. to March 1	10 to 12 wks.
Lettuce.....	2 lbs.	Double row	Drill and thin to 10 in.	All year	12 to 15 wks.
Muskmelon.....	1 lb.	6 ft.	4 ft.	Feb. 15 to June 15	14 to 18 wks.
Watermelon.....	1 lb.	9 ft.	8 ft.	Feb. 15 to June 15	16 to 20 wks.
Casaba.....	1 lb.	8 ft.	8 ft.	Feb. 15 to June 15	16 to 20 wks.
Okra.....	6 lbs.	3 ft.	18 in.	March to Aug. 1	10 to 12 wks.
Onion Seed.....	2 lbs.	Double row	Drill	Sept. to April 1	24 to 28 wks.
Onion Sets.....	250 lbs.	Double row	4 in.	Dec. to Feb. 1	14 to 18 wks.
Parsley.....	4 lbs.	Double row	Drill	Aug. to April 1	12 to 14 wks.
Parsnip.....	5 lbs.	2 ft.	Drill	Aug. to March 1	14 to 18 wks.
Peas.....	50 lbs.	30 in.	Drill to 6 in.	Sept. to March 1	14 to 20 wks.
Pepper, Plant.....	9,000	3 ft.	18 in. or drill seed in	April to June 1	10 to 12 wks.
Pepper, seed field planting.....	1	3 ft.	Field and thin to 18 in.	Jan. to April 1	18 to 20 wks.
Pepper seed in seed bed.....	6 oz.	8 in.	Drill	Jan. to April	
Potatoes, Irish.....	600 lbs.	3 ft.	1 ft.	Feb. to Sept. 1	10 to 14 wks.
Potatoes, Sweet, Plants.....	12,000	3 ft.	1 ft.	April to July 1	10 to 12 wks.
Potatoes, Sweet, Seed.....	400 lbs.	Hot bed		Jan. to Feb. 1	18 to 20 wks.
Pumpkin.....	1 lb.	10 ft.	10 ft.	April to July 1	12 to 14 wks.
Radish.....	12 lbs.	Double row	Drill	All year	4 to 8 wks.
Rhubarb, Roots.....	5,445	4 ft.	2 ft.	Sept. to April 1	8 to 10 wks.
Rhubarb, Seed.....	¼ lb.	Double row	Drill	Jan. to April 1	16 to 20 wks.
Roselle.....	3 lbs.	5 ft.	3 ft. thin to 1 plant	April to May	18 to 20 wks.
Spinach.....	12 lbs.	Double row	Drill to 6 in.	Oct. to April 1	8 to 12 wks.
Squash, Summer.....	2 lbs.	4 ft.	3 ft.	March to Aug. 1	10 to 12 wks.
Squash, Winter.....	1½ lbs.	10 ft.	6 ft.	April to Aug. 1	12 to 14 wks.
Salsify.....	6 lbs.	Double row	Drill	Sept. to April 1	14 to 18 wks.
Tomato, Plants.....	1,200	6 ft.	6 ft.	March to Aug. 1	12 to 14 wks.
Tomato, Seed.....	2 oz.	Hot bed, Jan.	Out door drill 10 in.	March to June 1	18 to 20 wks.
Turnip.....	3 lbs.	Double row	Drill	All year	10 to 12 wks.

FLOWER PLANTING CHART

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Abronia.....			X	X	X	X	X						Iceplant.....			X	X	X	X	X					
Abutilon.....		X	X	X	X	X	X		X	X	X		Iberis.....		X	X	X	X	X	X					
Aconitum.....		X	X	X	X	X	X		X	X	X		Impatiens.....			X	X	X	X	X					
Acroclinium.....			X	X	X	X	X						Ipomoea.....			X	X	X	X	X					
Ageratum.....		X	X	X	X	X	X						Kenilworth Ivy.....		X	X	X	X	X	X					
Ammobium.....			X	X	X	X	X						Kochia.....			X	X	X	X	X					
Alyssum.....		X	X	X	X	X	X		X	X	X		Kudzu Vine.....		X	X	X	X	X	X					
Achillea.....		X	X	X	X	X	X		X	X	X		Lantana.....			X	X	X	X	X					
Adonis.....			X	X	X	X	X						Larkspur.....			X	X	X	X	X					
Agrastemma.....		X	X	X	X	X	X		X	X	X		Lathyrus Latifolius....		X	X	X	X	X	X					
Amaranthus.....			X	X	X	X	X						Lavatera.....			X	X	X	X	X			X	X	X
Anchusa.....		X	X	X	X	X	X		X	X	X		Lavender.....		X	X	X	X	X	X			X	X	X
Anemone.....		X	X	X	X	X	X		X	X	X		Lemon Verbena.....		X	X	X	X	X	X			X	X	X
Antirrhinum.....		X	X	X	X	X	X		X	X	X		Leptosyne Maritima...			X	X	X	X	X			X	X	X
Aquilegia.....		X	X	X	X	X	X		X	X	X		Leptosephon.....			X	X	X	X	X					
Arabis.....		X	X	X	X	X	X		X	X	X		Lilium Regale.....			X	X	X	X	X					
Argemone.....			X	X	X	X	X						Linaria Maroccana....	X	X	X	X	X	X	X			X	X	X
Armeria.....		X	X	X	X	X	X		X	X	X		Linum.....			X	X	X	X	X					
Aristolochia.....		X	X	X	X	X	X						Lupinus.....		X	X	X	X	X	X			X	X	X
Asparagus Fern.....		X	X	X	X	X	X						Lychnis.....		X	X	X	X	X	X			X	X	X
Asters.....			X	X	X	X	X		X	X	X		Marvel of Peru.....			X	X	X	X	X			X	X	X
Asters, Perennial.....		X	X	X	X	X	X		X	X	X		Matricaria.....		X	X	X	X	X	X			X	X	X
Arctotis.....			X	X	X	X	X						Mimosa.....			X	X	X	X	X					
Australian Pea Vine...		X	X	X	X	X	X		X	X	X		Marigold.....			X	X	X	X	X					
Balloon Vine.....			X	X	X	X	X						Mignonette.....			X	X	X	X	X			X		
Browallia.....			X	X	X	X	X						Mina.....			X	X	X	X	X					
Balsams.....			X	X	X	X	X						Momardica.....			X	X	X	X	X					
Begonia.....		O	X	X	X	X	X						Mimulus.....			X	X	X	X	X					
Bellis.....		X	X	X	X	X	X		X	X	X		Myosotis.....		X	X	X	X	X	X					
Brachycome.....			X	X	X	X	X						Nasturtiums.....			X	X	X	X	X					
Cacalia.....			X	X	X	X	X						Nemophila.....		X	X	X	X	X	X			X	X	X
Calceolaria.....		O	X	X	X	X	X		X	X			Nicotinia.....			X	X	X	X	X					
Calendula.....	X	X	X	X	X	X	X		X	X	X	X	Nigella.....			X	X	X	X	X					
Calliopsis.....			X	X	X	X	X						Oenothera.....		X	X	X	X	X	X					
Campanula.....		X	X	X	X	X	X		X	X	X		Pansies.....	X	X	X	X	X	X	X			X	X	X
Candytuft.....			X	X	X	X	X						Passiflora.....			X	X	X	X	X			X	X	X
Canary Bird Vine.....			X	X	X	X	X						Pentstemon.....		X	X	X	X	X	X			X	X	X
Carnations.....		X	X	X	X	X	X		X	X	X		Petunias.....			X	X	X	X	X			X	X	X
Canna.....			X	X	X	X	X						Phlox, Perennial.....		X	X	X	X	X	X			X	X	X
Cardinal Climber.....			X	X	X	X	X						Phlox, Annual.....			X	X	X	X	X					
Celosia.....			X	X	X	X	X						Portulaca.....			X	X	X	X	X					
Cineraria.....	O	O	X	X	X	X	X						Physallis.....			X	X	X	X	X					
Cheiranthus.....		X	X	X	X	X	X		X	X	X		Physostegia.....		X	X	X	X	X	X			X	X	X
Centaurea.....			X	X	X	X	X						Platycodon.....		X	X	X	X	X	X			X	X	X
Chrysanthemums.....			X	X	X	X	X						Poppies, Annual.....			X	X	X	X	X					
Clarkia.....		X	X	X	X	X	X		X	X	X		Poppies, Perennial....			X	X	X	X	X			X	X	X
Cobaea Scandens.....			X	X	X	X	X						Poppy, Calif.....	X	X	X	X	X	X	X			X	X	X
Coleus.....			X	X	X	X	X						Primula.....			X	X	X	X	X			X	X	X
Coreopsis.....		X	X	X	X	X	X		X	X	X		Primroses.....		X	X	X	X	X	X			X	X	X
Cosmos.....			X	X	X	X	X						Pyrethrum.....		X	X	X	X	X	X			X	X	X
Cowslip.....		X	X	X	X	X	X		X	X	X		Ranunculus.....		X	X	X	X	X	X			X	X	X
Cyclamen.....		O	O	X	X	X	X						Rhodanthe.....			X	X	X	X	X					
Cypress Vine.....			X	X	X	X	X						Ricinus.....			X	X	X	X	X					
Coix Lachrymae.....			X	X	X	X	X						Romneya.....		X	X	X	X	X	X			X	X	X
Dahlia.....			X	X	X	X	X						Rudbeckia.....		X	X	X	X	X	X			X	X	X
Daisy, Shasta.....		X	X	X	X	X	X		X	X	X		Salpiglossis.....			X	X	X	X	X					
Daisy, English.....		X	X	X	X	X	X		X	X	X		Salvia.....			X	X	X	X	X					
Daisy, Michaelmas....		X	X	X	X	X	X		X	X	X		Scabiosa, Annual.....		X	X	X	X	X	X					
Datura.....			X	X	X	X	X						Scabiosa, Perennial....		X	X	X	X	X	X			X	X	X
Didiscus.....			X	X	X	X	X						Schizanthus.....			X	X	X	X	X					
Dolichos.....			X	X	X	X	X						Smilax.....			X	X	X	X	X					
Delphinium.....		X	X	X	X	X	X		X	X	X		Statice, Annual.....			X	X	X	X	X					
Demorphotecu.....			X	X	X	X	X						Solonum.....		X	X	X	X	X	X			X	X	X
Dianthus or Pinks.....			X	X	X	X	X		X	X	X		Sweet Rocket.....		X	X	X	X	X	X			X	X	X
Diascia Barberae.....			X	X	X	X	X						Stocks.....		X	X	X	X	X	X			X	X	X
Digitalis or Foxglove..		X	X	X	X	X	X		X	X	X		Sweet William.....		X	X	X	X	X	X			X	X	X
Eschscholtzia.....	X	X	X	X	X	X	X		X	X	X		Thunbergia.....			X	X	X	X	X					
Eurphobia.....			X	X	X	X	X						Tritoma.....		X	X	X	X	X	X			X	X	X
Fuchsia.....		O	X	X	X	X	X						Verbena.....			X	X	X	X	X					
Gaillardia.....		X	X	X	X	X	X		X	X	X		Viola.....		X	X	X	X	X	X			X	X	X
Geranium.....			X	X	X	X	X						Vinca.....			X	X	X	X	X					
Gerbera.....			X	X	X	X	X						Virginia Stock.....			X	X	X	X	X					
Gilia.....		X	X	X	X	X	X						Viscaria.....			X	X	X	X	X					
Globe Amaranth.....			X	X	X	X	X						Wallflower.....		X	X	X	X	X	X			X	X	X
Geum.....		X	X	X	X	X	X		X	X	X		Wistaria.....		X	X	X	X	X	X			X	X	X
Gloxinia.....			X	X	X	X	X						Xeranthemum.....			X	X	X	X	X					
Godetia.....		X	X	X	X	X	X		X	X	X		Zinnias.....			X	X	X	X	X	X				
Gypsophila.....		X	X	X	X	X	X		X	X	X		Wild Flower Mixture..		X	X	X	X	X	X			X	X	X
Gourds.....			X	X	X	X	X						Cut Flower Garden												
Golden Rod.....		X	X	X	X	X	X		X	X	X		Mixture.....			X	X	X	X	X					
Helenium.....		X	X	X	X	X	X																		
Helianthus.....			X	X	X	X	X																		
Helichrysum.....			X	X	X	X	X																		
Helianthemum.....			X	X	X	X	X																		
Heliotrope.....		X	X	X	X	X	X																		
Heuchera.....		X	X	X	X	X	X		X	X	X														
Hibiscus.....		X	X	X	X	X	X		X	X	X														
Hollyhock.....		X	X	X	X	X	X		X	X	X														
Humulus.....			X	X	X	X	X																		
Hunnemania.....			X	X	X	X	X																		

The above gives a general idea of when flower seeds can be sown in the Sacramento and San Joaquin Valleys.
O—Seeds sown at this time should be protected from frost.

INDEX

Flower Planting Chart, see page 83. Vegetable Planting Chart, see page 84

	Page No.		Page No.		Page No.
Abronia	41	Datura	56	Nierembergia	Inside back cover
Abutilon	41	Delphinium	56-57	Nigella	67
Achillea	41	Dianthus or Pinks	57	Nursery Stock	80
Aconitum	41	Diascia Barberae	57		
Acroclinium	41	Didiscus	57	Oenothera	67
Adonis	41	Digitalis or Foxglove	58	Okra or Gumbo	23
Ageratum	41	Dimorphoteca	41-58	Onion Seed	22-23
Agrostemma	42	Dolichos	58	Onion Sets	23
Alfalfa	34				
Alyssum	41	Echinocystis	59	Pansies	67-68
Amaranthus	42	Egg Plant	17	Parsley	26
Ampelosis	42	Endive	17	Parsnip	26
Anchusa	42	Eschscholtzia	58	Passiflora	70
Anemone	42	Eurphobia	59	Peanuts	23
Antirrhinum, Rustproof	42-47			Peas	24
Aquilegia	47	Fennel or Finocchio	17	Peat Moss	95
Arabis	47	Fertilizers	95	Pentstemon	67
Arctotis Grandis	47	Field and Farm Seeds	37	Pepper	25
Argemone	47	Fruits, Citrus	80	Petunias	69-70
Aristolochia	47	Fruits, Small	80	Phlox	70
Armeria	47	Fuchsia	59	Physalis	70
Artichoke	6			Physostegia	70
Artichoke, Jerusalem	6	Gaillardia	71	Platycodon	70
Artichoke Plants	6	Garlic	17	Poppies	71
Asparagus	47	Geranium	60	Portulaca	70
Asparagus Fern	58	Gerbera	59	Potatoes	26
Asparagus Roots	6	Geum	60	Primula	68
Asters	48-49	Gilia	60	Pumpkins	27
Asterum	61	Gladiolus	38-39, Back Cover	Pyrethrum	70
Australian Pea Vine	61	Globe Amaranth	71		
		Gloxinia Seed	59	Radish	28
Balloon Vine	50	Gloxinia Bulbs	3	Ranunculus	72
Balsam	50	Godetia	60	Rhodanthe	71
Bartonia	50	Golden Rod	60	Rhubarb, Seed	27
Beans	7	Gomphrena	59	Rhubarb, Roots	27
Beets	9	Gourds	60	Ricinus	71
Beets, Stock	9	Grass Seeds	36, 86	Romneya	71
Begonia Seed	50	Grivillea	60	Roselle	27
Begonia Bulbs	Inside back, 40	Gypsophila	60	Roses	43-46
Bellis	50			Rudbeckia	71
Borage	39	Helenium	61	Rutabagas or Swedes	28
Brachycome	50	Helianthemum	61		
Broccoli	9	Helianthus	60	Sage	39
Browallia	50	Helichrysum	62	Saintpaulia Ionantha	73
Brussels Sprouts	6	Heliotrope	61	Salpiglossis	Inside front, 73
Bulbs, Summer Flowering	48	Herbs	33	Salvia	73
		Heuchera	61	Salsify or Oyster Plant	29
Cabbage	10-11	Hibiscus	61	Sanvitalia	73
Cacalia	50	Hollyhock	60	Saponaria	73
Cactus Seed	50	Humulus	61	Scabiosa	72
Caladiums	3	Hummelmannia	62	Scarlet Runner Bean	73
Calceolaria	50			Schizanthus	87
Calendula	51	Iberia	62	Scorzonera	35
Calla Lily	3	Ice Plant	62	Sedum Coruleum	73
Calliopsis	51	Impatiens	62	Seeds, Miscellaneous Farm	34-35
Campanula	52	Insecticides and Fungicides	81	Sidalcea	73
Canary-Bird Vine	51	Ipomoea	62	Silene Pendula	73
Candytuft	53			Solanum	73
Canna	51	Kale or Borecole	18	Smilax	73
Cantaloupe or Muskmelon	24-25	Kenilworth Ivy	63	Snapdragons, Rustproof	42, Inside back
Canterbury Bells	52	Kochia	62	Spinach	29
Cardinal Climber	51	Kohl-Rabi	18	Sprayers and Dusters	82
Cardoon or Cardoni	11	Kudzu Vine	62	Squash	30
Carnations	53			Statice	74
Carrots	12	Ladino or Italian Giant Clover	45	Stevia Serrata	73
Cauliflower	9-11	Lantana	64	Stocks	74
Celeriac	13	Larkspur	63	Stokesia	73
Celery	13	Lathyrus Latifolius	64	Sweet Peas	74-75
Celosia	54	Lavatera	64	Sweet Rocket	73
Centaurea	52	Lavender	63	Sweet William	75
Chard, Swiss or Spinach Beet	29	Lawn Grass Seeds	Inside back cover	Sweet Wivelsfield	57
Cheiranthus	54	Leek	18		
Chelone	53	Lemon Verbena	77	Tagetas	76
Chervil	13	Leptosyne	64	Thalictrum	76
Chicory	15	Leptosiphon	64	Thunbergia	76
Chives	13	Lettuce	19	Tigridia	3
Chrysanthemum	54	Lilies	3	Tithonia Speciosa	Inside front, 76
Cineraria	54	Lilium Regale Seed	64	Tomatoes	31-32
Citron	21	Linaria	63	Torenia	76
Clarkia	56	Linum	64	Tree Seal	80
Clovers	35	Lobelia	64	Trees, Fruit	80
Cobaea Scandens	53	Lupinus	64	Tritoma	76
Coix Lachrymae	56			Turnip	32
Coleus	56	Marigolds	Inside front, 65-66		
Collards	15	Marvel of Peru	66	Ursinia	76
Coreopsis	55	Matricaria	66	Valeriana	76
Corn	14	Matthiola	66	Venidium	77
Corn Salad	15	Mignonette	66	Verbena	77
Cornflower	47-53	Mimosa	66	Veronica	77
Cosmos	55	Mimulus	66	Vinca	77
Cress	15	Mina	66	Viola	76-77
Cucumber	16	Miscellaneous Farm Seed	34-35	Virginia Stock	77
Cut Flower Garden Mixture	78	Momordica	79	Viscaria	78
Cyclamen	56	Montbretias	3		
Cypress Vine	56	Mushroom Spawn	21	Wallflower	78
		Muskmelon or Cantaloupe	20	Watermelons	21
Dahlia	Inside back cover, 40	Mustard	22	Wildflower Garden Mixture	78
Dahlia Seed	58	Myosotis	66	Wistaria	78
Daisy, Shasta	54				
Dandelion	17	Nasturtiums	67	Xeranthemum	78
		Nemesia	66	Zinnias	Front cover, 78-79
		Nemophila	67		
		Nicotiana	66		

LAGO BRAND LAWN GRASS SEED

Lawn Grasses Prepaid to 4th Zone

LAGOMARSINO'S LAWN MIXTURE—A mixture of several deep green grasses blended so that they remain green from early spring until late autumn. It makes a beautiful turf of dark green color and stands hard usage. We especially recommend this grass for those desiring beautiful lawns. Lb. 60c; 5 lbs. \$2.50; 10 lbs. \$4.75.

SHADY NOOK LAWN GRASS—This is adapted for semi-shaded places and where the ordinary lawn grasses will not do well. Lb. 60c; 5 lbs. \$2.75; 10 lbs. \$4.75.

KENTUCKY BLUE GRASS—Makes an excellent lawn of a dark green color. It forms a fine mat, with care and water makes one of the best lawns. Lb. 60c; 5 lbs. \$2.50; 10 lbs. \$4.75.

PERENNIAL or AUSTRALIAN RYE GRASS—A rapid-growing grass of dark green color, but a little coarse. Especially adapted for very light soils. Lb. 35c; 10 lbs. \$3.00.

LAGOMARSINO'S SHADY LAWN MIXTURE—This grass is especially adapted for growing in very shady places or near buildings where other grasses will not grow. If you have a shady, barren place, try our Shady Lawn Mixture. Lb. 70c; 5 lbs. \$3.50; 10 lbs. \$6.00.

WHITE DUTCH CLOVER—A dwarf growing clover, especially adapted for lawns, either alone or in mixture with other grasses. Lb. 65c; 5 lbs. \$3.00; 10 lbs. \$5.50.

GOLDEN STATE LAWN MIXTURE—This is a standard popular mixture of quality seed for all general lawn purposes. Lb. 45c; 5 lbs. \$2.00; 10 lbs. \$3.75.

CREEPING BENT (Seaside Bent)—Also called Coos County Bent. This is a true Creeping Bent, stoloniferous in habit and when once established spreads rapidly and makes a strong enduring turf. Sow 1 lb. to 500 square feet. Certified seed, lb. \$1.50; 10 lbs., \$1.25 per lb.

ASTORIA BENT—A comparatively new and distinct kind of grass; seldom produces stolons but spreads from underground root stalks; produces splendid turf. Owing to its root habit it has a wider range of adaptability. Certified seed, lb. \$1.50; 10 lbs., \$1.25 per lb.

CHEWING FESCUE—Used extensively on putting greens, fairways and tees on golf courses, and does well even under poor conditions. Forms a close turf that prevents ingress of weeds, is permanent in all kinds of soils, even the highest and driest. Also good for shady locations. Lb. 75c; 10 lbs. \$6.50.

BERMUDA GRASS—Thrives in the hottest and driest weather. Well adapted for holding embankments, etc. Lb. 60c; 10 lbs. \$5.00. In some cases used for lawns.

ROUGH STALK MEADOW GRASS (Poa trivialis)—Makes an excellent turf both for lawns in shady places and for putting greens and fairways on golf courses. Leaves are very narrow and flat. Lb. 75c; 10 lbs. \$6.50.

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Office: 721 J St., Sacramento, Calif., January, 1938.

We respectfully call the attention of our customers to the following directions, which will, if followed, be an aid to purchasers as well as ourselves.

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CORN, BEANS, PEAS AND FIELD SEEDS—We deliver free in packets, ounces, and $\frac{1}{4}$ pounds, and up to and including ten pounds everywhere within the Fourth Postal Zone from Sacramento. This includes all of California, all of Oregon, all of Nevada, the western part of Arizona and Utah. Where express is cheaper or safer we reserve the right to send small orders by express prepaid instead of by mail, and large orders by freight. Please state by "mail only" if you so wish and we will be guided accordingly.

We aim to send to all "R. F. D." addresses by mail only.

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THIRD ZONE	Within 150 to 300 miles of Sacramento.....	9 cts.	2 cts.
FOURTH ZONE	Within 300 to 600 miles of Sacramento.....	10 cts.	3 $\frac{1}{2}$ cts.
FIFTH ZONE	Within 600 to 1000 miles of Sacramento.....	11 cts.	5.3 cts.
SIXTH ZONE	Within 1000 to 1400 miles of Sacramento.....	12 cts.	7 cts.
SEVENTH ZONE	Within 1400 to 1800 miles of Sacramento.....	14 cts.	9 cts.
EIGHTH ZONE	All over 1800 miles of Sacramento.....	15 cts.	11 cts.

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CASH WITH ORDER—The proper way is to send remittance in full to cover order and postage. We send orders C. O. D. only if 25% of the amount of order is enclosed. Plants we never send C. O. D.

REMITTANCES should be made by Post Office Money Order, Express Money Order, or by Bank Draft on Sacramento. For amounts up to one dollar, clean, unused postage stamps will be accepted. Coin should not be sent by mail. Checks on local banks may be sent, which will be a great convenience to many customers.

NON-WARRANTY—Most of the failures with seeds, plants and bulbs are due to causes beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which render it impossible for us to guarantee success. Although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality, or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.



TUBEROUS ROOTED BEGONIAS

These are among our most beautiful summer-flowering plants, interesting to grow and giving excellent satisfaction. Are particularly useful for bedding in semi-shaded places, for planting in window or porch boxes, and are equally valuable as house plants. They range in color from purest white and the most delicate tints of pink, yellow, and orange, to the most intense scarlet and richest crimson. **Each 20c; doz. \$2.00.**



POMPON DAHLIAS

Pompons are almost indispensable for small decorations and have many uses where the larger varieties would be out of the question. They come in almost all colors, bloom very freely and have excellent keeping qualities.

SPECIAL POMPON DOZEN—Twelve fine tubers, all different, our selection, \$2.00, postpaid.



RUST PROOF SNAPDRAGONS, MAXIMUM MIXTURE

Certificate of Honor, All-America Selections, 1935

Even and compact in habit, of the popular majestic type, the plants are from 20 to 24 inches in height, and bear long spikes of close spaced, extra large florets. It comprises a fine, full color range, including exquisite shades of pink, rose, apricot, bronze, orange, light and deep yellow, scarlet, crimson and white. While not yet 100 per cent resistant, the percentage is well above 75 per cent. **Pkt. 10c; 1/4 oz. 40c.**

NIEREMBERGIA HIPPOMANICA, P (DWARF CUP FLOWER)

(Bodger)

Nierembergia Hippomanica starts flowering when plants are only about 2 inches tall, about 15 weeks after seed is sown, and keeps on until heavy frosts. It is neat and tidy. The lovely lavender blue shade, heightened by a touch of yellow in center, is most charming. Plants are dwarf, compact, not over 5 or 6 inches tall, and with a spread of only 8 to 10 inches. Foliage is light gray green. It is a half hardy perennial which will winter over if given some protection. **Pkt. 25c; 5 pkts. \$1.00.**



MILDRED LOUISE

FAMOUS RAINBOW MIXTURE

This splendid collection is composed of many of the beautiful standard varieties and offers you a wide and beautiful color range of the most outstanding and popular colors.

35c per doz. \$2.50 per 100
\$20.00 per 1000

OTHER GLADIOLUS LISTED ON
PAGES 38 AND 39

GLADIOLUS

Gladiolus lend an air of majestic charm to any occasion and furnish a wealth of gorgeous blooms over a long period. The reward is indeed great for the very reasonable amount of care and attention necessary to successfully grow these splendid flowers.

BRIGHT SPOT GARDEN COLLECTION

The following varieties have been carefully selected for their outstanding merits and will give you a beautifully balanced color display of leading giant flowered Gladiolus.

MRS. F. C. HORNBERGER. Pure white. 7c each.

W. H. PHIPPS. Beautiful show pink. 5c each.

MRS. LEON DOUGLAS. One of the largest and finest Begonia Rose. 5c each.

PFITZER'S TRIUMPH. Flaming salmon orange. 6c each.

COMMANDER KOEHL. Huge dark scarlet of glowing brilliancy. 10c each.

LA PALOMA. Finest vivid orange. 5c each.

PELEGRINA. Pure dark violet blue. 10c each.

PICARDY. Soft shrimp or apricot pink, probably the most popular glad of the year. 7c each.

MILDRED LOUISE. Pure strawberry pink blending to yellow in the throat. 10c each.

RED LORY. Carmine rose with large purplish red blotch. Popular. 10c each.

1 bulb of each (10 bulbs) 50c

5 bulbs of each (50 bulbs) \$2.00

10 bulbs of each (100 bulbs) \$3.50

